

## Rabbit Enolase, Muscle Specific (MSE) Polyclonal Antibody | anti-MSE antibody

Polyclonal Antibody to Enolase, Muscle Specific (MSE)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA131242 | Rabbit | Mouse, Human, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

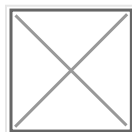
### PRODUCT SYNONYMS

Enolase; Muscle Specific (MSE); Polyclonal Antibody; Polyclonal Antibody to Enolase; anti-MSE antibody

### PRODUCT SPECIFICATIONS

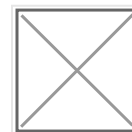
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity                                    | Mouse, Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against MSE. It has been selected for its ability to recognize MSE in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                   | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                                      | Antigen: The target protein is fused with a His-tag and its sequence is listed below.<br>M GHHHHHSGS -MQKIFAREI LDRGNPTVE VDLHTAKGRF RAAVPSGAST GIYEALRLD GDKARYLGKG<br>VLKAVEHINK TLGPALLEKK LSVVDQEKVD KFMIELDGTE NKSFGANAI LGVSLAVCKA GAAEKGVPLY<br>RHIADLAGNP DLVLPVPAFN VINGGSHAGN KLAMQEFMIL PVGASSFKEA MRIGAEVYHH LKGVIKAKYG<br>KDATNVGDEG GFAPNILENN EALELLKTAI QAAGYPDKVV IGMDVAASEF YRNGKYDLDF KSPDDPARHI<br>SGEKLGEYK NFIQNPVVS IEDPFDQDDW ATWTSFLSGV DIQIVGDDLT VTNPKRQA VEKACNCLL<br>LKVNIQSVT ESIQACKLAQ SNGWGMVSH RSGETEDTFI ADLVVGLCTG QIKTGAPCRS ERLAKYNQLM<br>RIEEALGDKA VFAGRKFRNP KAK |
| Sequence Length                               | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-MSE antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                                     | Recombinant MSE (Met3~Lys434) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                              | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                             |

### IMAGES



**IHC (Immunohistochemistry)**

DAB staining on formalin fixed paraffin-embedded Heart tissue



**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.



#### WB (Western Blot)

Western Blot: Sample: Mouse Heart lysate; Primary Ab: 2ug/ml Rabbit Anti-Mouse MSE  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

### NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 209862931              |
| NCBI GeneID                      | 13808                  |
| NCBI Accession #                 | NP_001129534.1         |
| NCBI GenBank Nucleotide #        | NM_001136062.2         |
| UniProt Accession #              | P21550                 |
| Molecular Weight                 | 47,025 Da              |
| NCBI Official Full Name          | beta-enolase           |
| NCBI Official Synonym Full Names | enolase 3, beta muscle |
| NCBI Official Symbol             | Eno3                   |
| NCBI Official Synonym Symbols    | MSE; Eno-3             |
| NCBI Protein Information         | beta-enolase           |
| UniProt Protein Name             | Beta-enolase           |
| UniProt Gene Name                | <b>Eno3</b>            |
| UniProt Synonym Gene Names       | Eno-3; MSE             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/enolase-muscle-specific-mse-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131242>