

# Rabbit anti-Human S100 Calcium Binding Protein A8 (S100A8) Polyclonal Antibody | anti-S100A8 antibody

Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA131060 | Rabbit | Human      | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

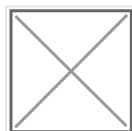
## PRODUCT SYNONYMS

S100 Calcium Binding Protein A8 (S100A8); Polyclonal Antibody; Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8); anti-S100A8 antibody

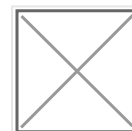
## PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                                                                                         |
| Specificity                                      | The antibody is a rabbit polyclonal antibody raised against S100A8. It has been selected for its ability to recognize S100A8 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> , 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 EF-MLTELEK ALNSIIDVYH KYSLIKGNFH AVYRDDLLKKL LETECPQYIR KKGADVWFKE<br>LDINTDGAVN FQEFLILVIK MGVAHHKKSH EESHKE |
| Sequence Length                                  | 93                                                                                                                                                                                                                 |
| Applicable Applications for anti-S100A8 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                    |
| Immunogen                                        | Recombinant S100A8 (Met1~Glu93) expressed in E.coli.                                                                                                                                                               |
| Cross Reactivity                                 | Human                                                                                                                                                                                                              |
| 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 IHC-P; Samples: Human Kidney Cancer Tissue



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Stomach Cancer Tissue

**IHC (Immunohistochemisry)**

DAB staining on IHC-P; Samples: Human Esophagus Cancer Tissue.

**WB (Western Blot)**

Western Blot: Sample: Recombinant S100A8, Human.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Human Liver Tissue; Lane2: Human Leukocytes Cells.

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| NCBI GI #                        | 984290540                                                        |
| NCBI GeneID                      | 6279                                                             |
| NCBI Accession #                 | NP_001306126.1                                                   |
| NCBI GenBank Nucleotide #        | NM_001319197.1                                                   |
| UniProt Accession #              | P05109; Q5SY70; Q9UC84; Q9UC92; Q9UCJ0; Q9UCM6; A8K5L3; D3DV37   |
| Molecular Weight                 | 10,835 Da                                                        |
| NCBI Official Full Name          | protein S100-A8 isoform b                                        |
| NCBI Official Synonym Full Names | S100 calcium binding protein A8                                  |
| NCBI Official Symbol             | S100A8                                                           |
| NCBI Official Synonym Symbols    | P8; MIF; NIF; CAGA; CFAG; CGLA; L1Ag; MRP8; CP-10; MA387; 60B8AG |
| NCBI Protein Information         | protein S100-A8                                                  |
| UniProt Protein Name             | Protein S100-A8                                                  |
| UniProt Gene Name                | <b>S100A8</b>                                                    |
| UniProt Synonym Gene Names       | CAGA; CFAG; MRP8; CFAG; MRP-8; p8                                |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/s100-calcium-binding-protein-a8-s100a8-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131060>