

## Rabbit PEA15 Polyclonal Antibody | anti-PEA15 antibody

Anti-PEA15 (pS116) Phospho Antibody

|                               |                       |                                                |                                                           |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA260670</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Monkey</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|

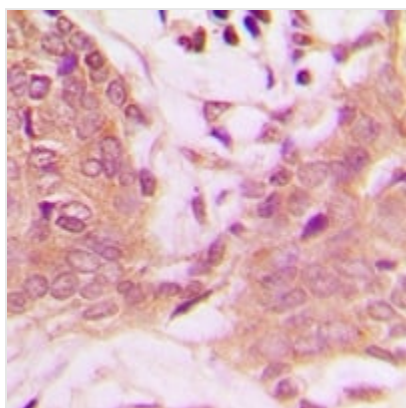
### PRODUCT SYNONYMS

PEA15; Polyclonal Antibody; Anti-PEA15 (pS116) Phospho Antibody; Astrocytic phosphoprotein PEA-15; 15 kDa phosphoprotein enriched in astrocytes; Phosphoprotein enriched in diabetes; PED; anti-PEA15 antibody

### PRODUCT SPECIFICATIONS

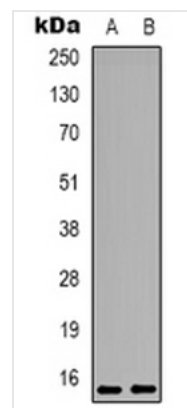
|                                                 |                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                        |
| Reactivity                                      | Human, Mouse, Rat, Monkey                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                    |
| Specificity                                     | Recognizes endogenous levels of PEA15 protein only when phosphorylated at S116                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                               |
| Form/Format                                     | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                                     |
| Sequence Length                                 | 130                                                                                                                                           |
| Applicable Applications for anti-PEA15 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                 |
| Immunogen                                       | KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S116 of human PEA15 protein. The exact sequence is proprietary. |
| Preparation and Storage                         | Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                                                               |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PEA15 (Phospho-S116) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PEA15 (Phospho-S116) expression in COLO205 (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 16 kD, Observed band size: 15 kD)

ADDITIONAL INFORMATION

|                                                     |                                                    |
|-----------------------------------------------------|----------------------------------------------------|
| Related Product Information for anti-PEA15 antibody | Rabbit polyclonal antibody to PEA15 (Phospho-S116) |
|-----------------------------------------------------|----------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 32470612                                  |
| NCBI GeneID                      | 8682                                      |
| UniProt Accession #              | Q15121; O00511; B1AKZ3                    |
| NCBI Official Full Name          | Astrocytic phosphoprotein PEA-15          |
| NCBI Official Synonym Full Names | phosphoprotein enriched in astrocytes 15  |
| NCBI Official Symbol             | PEA15                                     |
| NCBI Official Synonym Symbols    | PED; MAT1; HMAT1; MAT1H; PEA-15; HUMMAT1H |
| NCBI Protein Information         | astrocytic phosphoprotein PEA-15          |
| UniProt Protein Name             | Astrocytic phosphoprotein PEA-15          |
| UniProt Gene Name                | PEA15                                     |
| UniProt Synonym Gene Names       | PED                                       |
| UniProt Entry Name               | PEA15_HUMAN                               |

**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/pea15-antibody-immunohistochemistry-western-blot-elisa/260670>