

Datasheet for ABIN747625

anti-PEA15 antibody (AA 51-130) (Biotin)[Go to Product page](#)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | PEA15 |
| Binding Specificity: | AA 51-130 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PEA15 antibody is conjugated to Biotin |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human PEA15 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | PEA15 |
| Alternative Name: | PEA15 (PEA15 Products) |
| Background: | Synonyms: Astrocytic phosphoprotein PEA 15, Astrocytic phosphoprotein PEA15, HMAT 1, |

Target Details

HMAT1, Homolog of mouse MAT 1 oncogene, Homolog of mouse MAT1 oncogene, HUMMAT 1H, HUMMAT1H, MAT 1, MAT 1H, MAT1, MAT1H, PEA 15, PEA-15_ PEA15 protein, PED, Phosphoprotein enriched in astrocytes 15, Phosphoprotein enriched in astrocytes 15kD, Phosphoprotein enriched in diabetes, PEA15_HUMAN.

Background: PED/PEA 15 (Phosphoprotein Enriched in Diabetes/Phosphoprotein Enriched in Astrocytes 15 kDa) is a widely expressed 15 kDa protein comprised of an N terminal region containing a canonical Death Effector Domain (DED) sequence and a nuclear export signal, and a C terminal region containing two serine phosphorylation sites. PED/PEA 15 has been implicated in the regulation of multiple cellular processes including apoptosis, integrin activation, and insulin sensitive glucose transport in insulin responsive cells. Phosphorylation of both serine 104 (a Protein Kinase C site) and serine 116 (a substrate of CaMKII and Akt) is required for PED/PEA 15 function.

Gene ID: 8682

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months