

Rabbit anti-Human, Mouse PEA15 Polyclonal Antibody | anti-PEA15 antibody

PEA15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231428	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

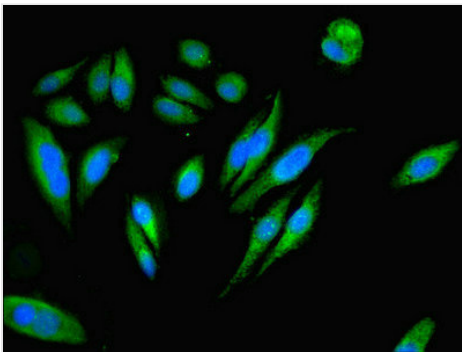
PRODUCT SYNONYMS

PEA15; Polyclonal Antibody; PEA15 Antibody; Astrocytic phosphoprotein PEA-15; 15 kDa phosphoprotein enriched in astrocytes; Phosphoprotein enriched in diabetes; PED; anti-PEA15 antibody

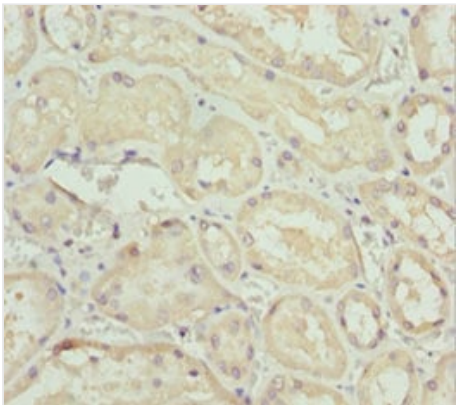
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	151
Applicable Applications for anti-PEA15 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Astrocytic phosphoprotein PEA-15 protein (1-130AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5844 / sc-5846 / sc-28255
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

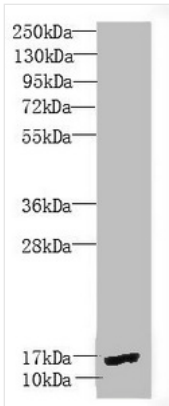
IMAGES



IHC (Immunohistochemisry)
Immunofluorescent analysis of HeLa cells cells using AAA231428 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231428 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: PEA15 antibody at 1.9 ug/ml+Mouse brain tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 16,18 kDaObserved band size: 15 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PEA15 antibody	Blocks Ras-mediated inhibition of integrin activation and modulates the ERK MAP kinase cascade. Inhibits RPS6KA3 activities by retaining it in the cytoplasm (By similarity). Inhibits both TNFRSF6- and TNFRSF1A-mediated CASP8 activity and apoptosis. Regulates glucose transport by controlling both the content of SLC2A1 glucose transporters on the plasma membrane and the insulin-dependent trafficking of SLC2A4 from the cell interior to the surface.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	662033922
NCBI GeneID	8682
NCBI Accession #	NP_001284505.1
NCBI GenBank Nucleotide #	NM_001297576.1
UniProt Accession #	Q15121; O00511; B1AKZ3
Molecular Weight	17,307 Da
NCBI Official Full Name	astrocytic phosphoprotein PEA-15 isoform a
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/231428>