

Rabbit PEA-15 Polyclonal Antibody | anti-PEA15 antibody

PEA-15 Antibody (C-term)

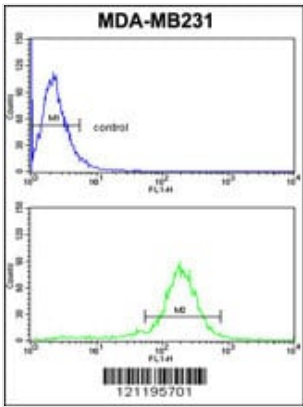
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285778	Rabbit	Human, mouse (Predicted Reactivity: Hamster, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

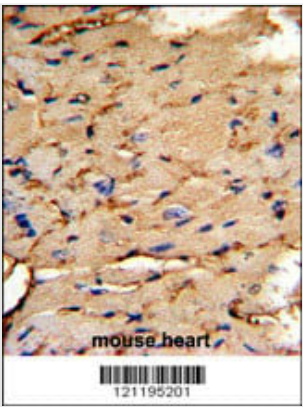
PEA-15; Polyclonal Antibody; PEA-15 Antibody (C-term); Astrocytic phosphoprotein PEA-15; 15 kDa phosphoprotein enriched in astrocytes; Phosphoprotein enriched in diabetes; PED; PEA15; anti-PEA15 antibody

PRODUCT SPECIFICATIONS

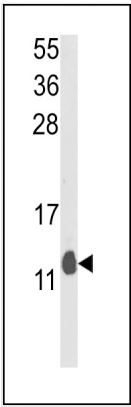
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Hamster, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PEA-15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-115 amino acids from the C-terminal region of human PEA-15.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	86-115
Sequence Length	130
Applicable Applications for anti-PEA15 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



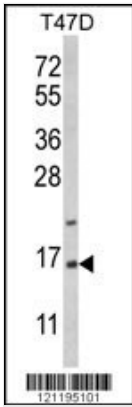
FCM/FACS (Flow Cytometry)
PEA-15 Antibody (C-term) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded mouse heart tissue reacted with PEA-15 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PEA-15 Antibody (C-term) in mouse lung tissue lysates (35ug/lane).PEA-15 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of PEA-15 Antibody (C-term) in T47D cell line lysates (35ug/lane).PEA-15 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PEA15 antibody	PEA15 is a death effector domain (DED)-containing protein predominantly expressed in the central nervous system, particularly in astrocytes.
Product Categories/Family for anti-PEA15 antibody	Cell Biology
References	Trencia,A., et.al., Mol. Cell. Biol. 23 (13), 4511-4521 (2003) Sugiyama,N., et.al., Mol. Cell Proteomics 6 (6), 1103-1109 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505705
NCBI GeneID	8682
NCBI Accession #	NP_003759.1
NCBI GenBank Nucleotide #	NM_003768.4
UniProt Accession #	Q15121; O00511; B1AKZ3
Molecular Weight	15040

NCBI Official Full Name	astrocytic phosphoprotein PEA-15 isoform b
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/pea-15-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285778>