

PEA-15 Antibody | anti-PEA-15 antibody

PEA-15 (Phospho-Ser116) Antibody

CATALOG # AAA267454	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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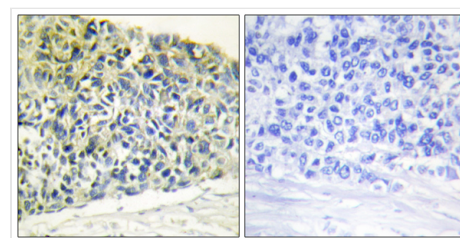
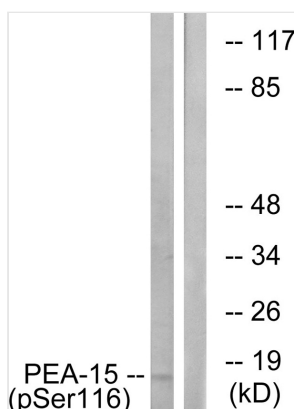
PRODUCT SYNONYMS

PEA-15; PEA-15 (Phospho-Ser116) Antibody; Astrocytic phosphoprotein PEA-15; PE15; PEA15; PED; Phosphoprotein enriched in diabetes; anti-PEA-15 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PEA-15 (Phospho-Ser116) antibody detects endogenous levels of PEA-15 only when phosphorylated at serine 116.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	151
Applicable Applications for anti-PEA-15 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PEA-15 around the phosphorylation site of serine 116 (Q-P-SP-E-E).
All Sites	Human: Ser116 Mouse: Ser116 Rat: Ser116
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PEA-15 (Phospho-Ser116) antibody. Western blot analysis of extracts from COS7 cells, treated with INSULIN (0.01U/ml, 15mins), using PEA-15 (Phospho-Ser116) antibody.

ADDITIONAL INFORMATION

References	Joseph Krueger, Mol. Biol. Cell, Aug 2005; 16: 3552-3561. Alessandra Trecia, Mol. Cell. Biol., Jul 2003; 23: 4511-4521. Daniel Kitsberg, J. Neurosci., Oct 1999; 19: 8244. Angela Glading, Cancer Res., Feb 2007; 67: 1536-1544.
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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	proliferation and apoptosis adaptor protein 15
NCBI Official Symbol	PEA15
NCBI Official Synonym Symbols	PED; MAT1; HMAT1; MAT1H; PEA-15; HUMMAT1H; PED-PEA15; PED/PEA15
NCBI Protein Information	astrocytic phosphoprotein PEA-15
UniProt Protein Name	Astrocytic phosphoprotein PEA-15
UniProt Gene Name	PEA15
UniProt Synonym Gene Names	PED

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/human-mouse-rat-antibody/pea-15/267454>