

# PEA-15 rabbit pAb

Cat No.:ES7856

For research use only

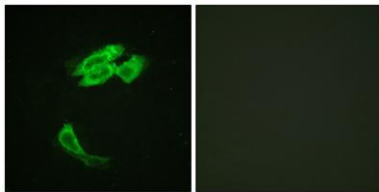
## Overview

Product Name	PEA-15 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PEA-15. AA range:81-130
Specificity	PEA-15 Polyclonal Antibody detects endogenous levels of PEA-15 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Astrocytic phosphoprotein PEA-15
Gene Name	PEA15
Cellular localization	Cytoplasm. Associated with microtubules.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	36kD
Human Gene ID	8682
Human Swiss-Prot Number	Q15121
Alternative Names	PEA15; Astrocytic phosphoprotein PEA-15; 15 kDa phosphoprotein enriched in astrocytes; Phosphoprotein enriched in diabetes; PED phosphoprotein enriched in astrocytes 15(PEA15)
Background	Homo sapiens This gene encodes a death effector domain-containing protein that functions as

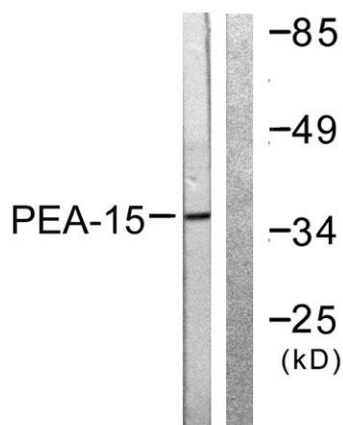
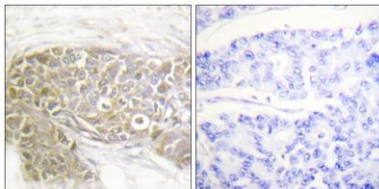


a negative regulator of apoptosis. The encoded protein is an endogenous substrate for protein kinase C. This protein is also overexpressed in type 2 diabetes mellitus, where it may contribute to insulin resistance in glucose uptake. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

Immunofluorescence analysis of HeLa cells, using PEA-15 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PEA-15 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, treated with PMA 125ng/ml 30', using PEA-15 Antibody. The lane on the right is blocked with the synthesized peptide.

