

PEBP1 Polyclonal Antibody

Catalog NumberPA1-31551

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Rat
Host/Isotope	Goat / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	synthetic peptide DYVPKLYEQLSGK (Human).	Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent
Conjugate	Unconjugated	Western Blot (WB)	0.5-2 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: The peptide used to generate this antibody is available for purchase (GTX22634-PEP).. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

PBP binds ATP, opioids and phosphatidylethanolamine, exhibiting a lower affinity for phosphatidylinositol and phosphatidylcholine. This serine protease inhibitor inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase. PBP contains hippocampal cholinergic neurostimulating peptide (HCNP), which may be involved in the function of the presynaptic cholinergic neurons of the central nervous system. HCNP increases the production of choline acetyltransferase but not acetylcholinesterase.

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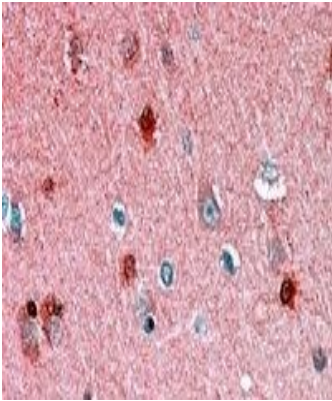
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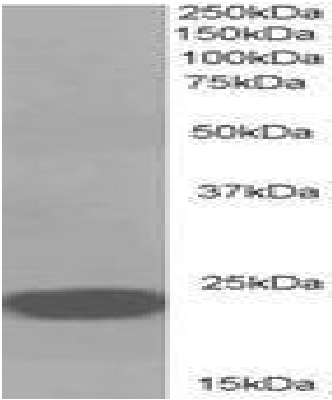
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PEBP1 Antibody (PA1-31551) in IHC (P)
Immunohistochemistry (Paraffin) analysis of PEBP1 in human prostate tissue using PEBP1 Polyclonal Antibody (Product # PA1-31551) at a dilution of 5 µg/mL. Antigen retrieval : citrate buffer pH 6.



PEBP1 Antibody (PA1-31551) in IHC (P)
Immunohistochemistry (Paraffin) analysis of PEBP1 in human cortex tissue using PEBP1 Polyclonal Antibody (Product # PA1-31551) at a dilution of 1.5 µg/mL. Antigen retrieval : citrate buffer pH 6.



PEBP1 Antibody (PA1-31551) in WB
Western Blot analysis of PEBP1 was performed by loading 35 µg (in RIPA buffer) of A549 lysates. Proteins were transferred to a membrane and probed with a PEBP1 Polyclonal Antibody (Product # PA1-31551) at a dilution of 1 µg /mL.

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