

AP13998PU-N**Polyclonal Antibody to APPBP2 - Purified**

Alternate names:	Amyloid beta precursor protein-binding protein 2, Amyloid protein-binding protein 2, KIAA0228, PAT1, Protein interacting with APP tail 1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	APPBP2 interacts with microtubules and is functionally associated with beta-amyloid precursor protein transport and/or processing. The beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer's disease. This protein has been found to be highly expressed in breast cancer.
Uniprot ID:	Q92624
NCBI:	9606
GeneID:	10513
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 242-271 amino acids from the Central region of human PAT1 (APPBP2).
Format:	State: Liquid Ig fraction Purification: Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blot: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects PAT1 (APPBP2) at Center.
Species Reactivity:	Expected from sequence similarity: Mouse, Rat.
Add. Information:	Molecular weight: 66722 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Zheng,P., Proc. Natl. Acad. Sci. U.S.A. 95 (25), 14745-14750 (1998).

Pictures:

Western blot analysis of anti-PAT1 (APPBP2) (Center) (AP13998PU-N) in HL60 cell line lysates (35 µg/lane). PAT1 (arrow) was detected using the purified Pab (1:60 dilution).

