10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Aminopeptidase A / CD249 Antibody

Rabbit mAb
Catalog # AP92107

Product Information

Application	WB, IHC
Primary Accession	Q07075
Reactivity	Human
Clonality	Monoclonal
Other Names	Aminopeptidase A; APA; bp1; CD249; EAP; Enpep; Gp160; Ly51;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	109244

Additional Information

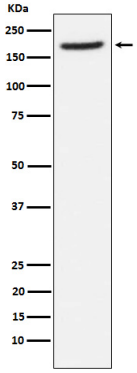
Dilution	WB 1:1000~1:5000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Aminopeptidase A / CD249
Description	Appears to have a role in the catabolic pathway of the renin-angiotensin system. Probably plays a role in regulating growth and differentiation of early B-lineage cells.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	ENPEP
Function	Regulates central hypertension through its calcium-modulated preference to cleave N-terminal acidic residues from peptides such as angiotensin II.
Cellular Location	Cell membrane; Single-pass type II membrane protein
Tissue Location	Expressed in choriocarcinoma cancer cell lines (at protein level) (PubMed:10692253). Expressed by epithelial cells of the proximal tubule cells and the glomerulus of the nephron. Also found in a variety of other tissues.

Images

Western blot analysis of Aminopeptidase A / CD249 expression in human fetal lung lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.