

Datasheet for ABIN6746934
anti-CD13 antibody (AA 142-191)



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Overview

Quantity:	100 µL
Target:	CD13 (ANPEP)
Binding Specificity:	AA 142-191
Reactivity:	Human, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa142-191 of human ANPEP (P15144, NP_001141). Percent identity by BLAST analysis: Human (100%), Gorilla, Gibbon, Monkey (92%), Galago, Elephant, Horse (85%), Opossum, Guinea pig (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human ANPEP / CD13
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Horse (85%) Guinea pig (84%).
Purification:	Immunoaffinity purified

Target Details

Target:	CD13 (ANPEP)
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Target Details

Alternative Name:	ANPEP / CD13 (ANPEP Products)
Background:	Name/Gene ID: ANPEP Subfamily: Metallopeptidase M1 Family: Exopeptidase Synonyms: ANPEP, Alanyl aminopeptidase, Aminopeptidase M, APN, Aminopeptidase N, AP-N, AP-M, CD13, CD13 antigen, HAPN, gp150, p150, PEPN, Microsomal aminopeptidase, LAP1
Gene ID:	290
NCBI Accession:	NP_001141
UniProt:	P15144
Pathways:	Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

- Product cited in: Ohashi, Burkart, Flohé, Kolb: "Cutting edge: heat shock protein 60 is a putative endogenous ligand of the toll-like receptor-4 complex." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 164, Issue 2, pp. 558-61, (2000) ([PubMed](#)).
- Xanthoudakis, Roy, Rasper, Hennessey, Aubin, Cassady, Tawa, Ruel, Rosen, Nicholson: "Hsp60 accelerates the maturation of pro-caspase-3 by upstream activator proteases during apoptosis." in: **The EMBO journal**, Vol. 18, Issue 8, pp. 2049-56, (1999) ([PubMed](#)).
- Venner, Singh, Gupta: "Nucleotide sequences and novel structural features of human and Chinese hamster hsp60 (chaperonin) gene families." in: **DNA and cell biology**, Vol. 9, Issue 8, pp. 545-52, (1991) ([PubMed](#)).

Images

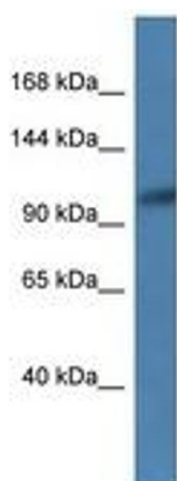


Image 1.