

Datasheet for ABIN6746939

anti-Vinculin antibody (AA 873-922)



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Overview

Quantity:	100 µL
Target:	Vinculin (VCL)
Binding Specificity:	AA 873-922
Reactivity:	Human, Mouse, Rat, Rabbit, Chicken, Cow, Horse, Pig, Zebrafish (Danio rerio), Dog, Guinea Pig, Bat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vinculin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa873-922 of human VCL (P18206, NP_003364). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Zebra finch, Chicken, Seabass, Zebrafish (100%), Xenopus (92%). Type of Immunogen: Synthetic peptide
Specificity:	Human VCL / Vinculin
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine, Rabbit, Horse, Guinea pig, Chicken, Zebrafish (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	Vinculin (VCL)
Alternative Name:	VCL / Vinculin (VCL Products)
Background:	Name/Gene ID: VCL Family: Cytoskeleton Synonyms: VCL, CMD1W, CMH15, Metavinculin, Vinculin, MVCL
Gene ID:	7414
NCBI Accession:	NP_003364
UniProt:	P18206
Pathways:	Cell-Cell Junction Organization , Maintenance of Protein Location , Signaling Events mediated by VEGFR1 and VEGFR2

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: Mikita, Campbell, Wu, Williamson, Schindler: "Requirements for interleukin-4-induced gene expression and functional characterization of Stat6." in: **Molecular and cellular biology**, Vol. 16, Issue 10, pp. 5811-20, (1996) ([PubMed](#)).

Hou, Schindler, Henzel, Ho, Brasseur, McKnight: "An interleukin-4-induced transcription factor: IL-4 Stat." in: **Science (New York, N.Y.)**, Vol. 265, Issue 5179, pp. 1701-6, (1994) ([PubMed](#)).

Images

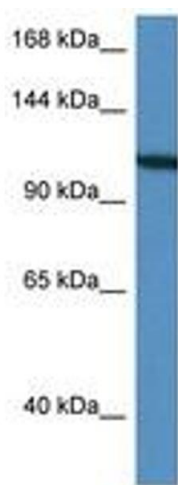


Image 1.