



Anti-VCL (internal region) polyclonal antibody (DPABH-13119)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Actin filament (F-actin)-binding protein involved in cell-matrix adhesion and cell-cell adhesion. Regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to internal sequence amino acids of Human Vinculin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF, ELISA
Format	Liquid
Size	50 µg
Buffer	pH: 7.40; Constituents: 50% Glycerol, 0.88% Sodium chloride, 49% PBS. Note: PBS without Mg ²⁺ and Ca ²⁺ .
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	VCL_vinculin [Homo sapiens]
Official Symbol	VCL
Synonyms	VCL; vinculin; MV; MVCL; CMD1W; CMH15; HEL114; metavinculin; epididymis luminal protein 114;
Entrez Gene ID	7414
Protein Refseq	NP_003364.1
UniProt ID	A0A024QZN4
Pathway	Adherens junction; Amoebiasis; Bacterial invasion of epithelial cells; Focal Adhesion
Function	actin binding; NOT actin binding; alpha-catenin binding; beta-catenin binding