

Anti-Vinculin Rabbit pAb

Purified Rabbit Polyclonal Antibody

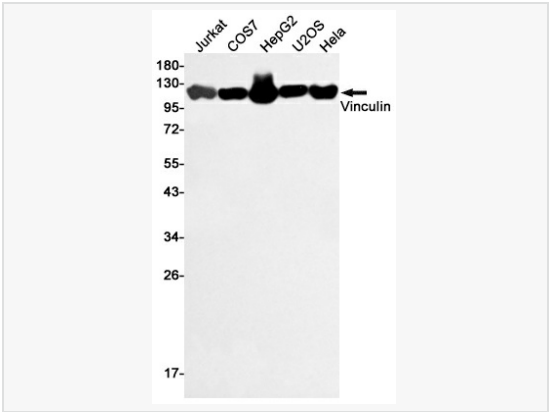
Catalog # P013204

Product Information

Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Vinculin
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Vinculin antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	VCL, Vinculin, Metavinculin.
Calculated MW	Calculated MW: 124 kDa; Observed MW: 124 kDa
Uniprot ID	P18206
Gene ID	7414
Background	Vinculin is a cytoskeletal protein that plays an important role in the regulation of focal adhesions and embryonic development. Three structural vinculin domains include an amino-terminal head, a short, flexible proline-rich region and a carboxy-terminal tail. In the inactive state, the head and tail domains of vinculin interact to form a closed confirmation. The open and active form of vinculin translocates to focal adhesions where it is thought to be involved in anchoring F-actin to the membrane and regulation of cell migration.



Western blot analysis of Vinculin in Jurkat, COS7, HepG2, U2OS, HeLa lysates using Vinculin antibody.