
Summary

Production Name	Vinculin Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	VCL
Alternative Names	VCL; Vinculin; Metavinculin
Gene ID	7414
SwissProt ID	P18206

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 124 kDa; Observed MW: 124 kDa

Background

Product Name: Vinculin Rabbit Monoclonal Antibody
Catalog #: AMRe02763

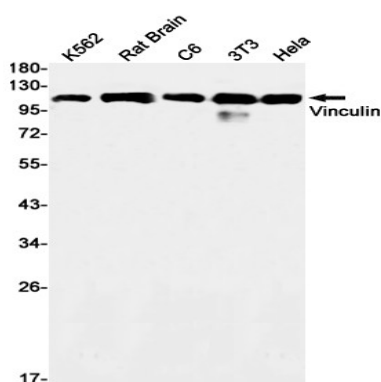


Vinculin is a cytoskeletal protein that plays an important role in the regulation of focal adhesions and embryonic development. Three structural vinculin domains include an amino-terminal head, a short, flexible proline-rich region and a carboxy-terminal tail. In the inactive state, the head and tail 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.

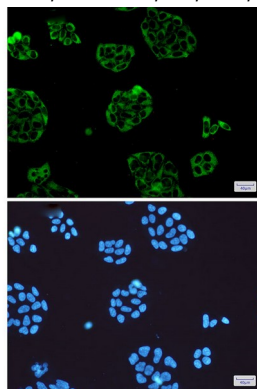
Research Area

Signal Transduction

Image Data



Western blot analysis of Vinculin in K562, rat Brain, C6, 3T3, HeLa lysates using Vinculin antibody.



Immunocytochemistry analysis of Vinculin(green) in HeLa using Vinculin antibody, and DAPI(blue)

Note

For research use only.