

Vinculin (Phospho-Tyr822) Antibody

Catalog No: #11973



Package Size: #11973-1 50ul #11973-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

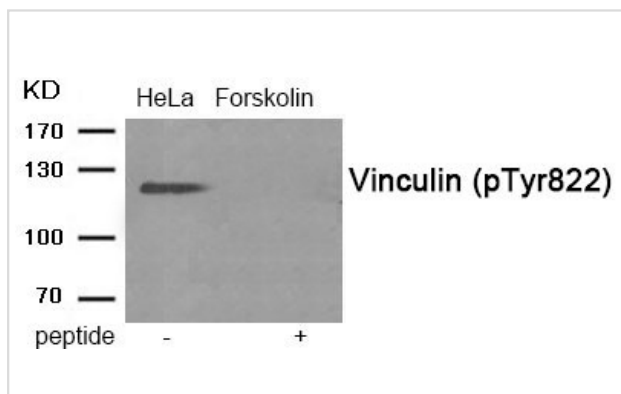
Description

| | |
|-----------------------|--|
| Product Name | Vinculin (Phospho-Tyr822) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Applications | WB |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of Vinculin only when phosphorylated at tyrosine 822. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of Tyrosine 822 (S-G-Y(p)-R-I) derived from Human Vinculin. |
| Target Name | Vinculin |
| Modification | Phospho |
| Other Names | Vinculin; |
| Accession No. | Swiss-Prot#: P18206; NCBI Gene#: 7414; NCBI Protein#: NP_003364.1 |
| SDS-PAGE MW | 123kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C/1 year |

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa cells treated with Forskolin using Phospho-Vinculin (Tyr822) antibody #11973. The lane on the right is treated with the antigen-specific peptide.

Background

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.

Subauste MC, et al. (2004) J Cell Biol 165, 371-81

Olsen JV, et al. (2010) Sci Signal 3, ra3

Jørgensen C, et al. (2009) Science 326, 1502-9

Note: This product is for in vitro research use only and is not intended for use in humans or animals.