

Ephrin-B2(Phospho-Tyr316) Antibody

Catalog No: #11188



Package Size: #11188-1 50ul #11188-2 100ul #11188-4 25ul

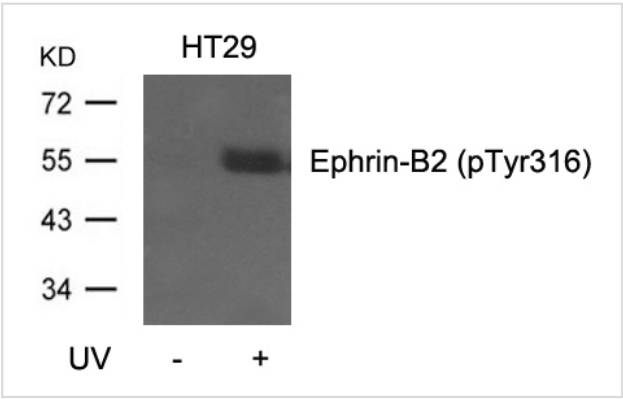
Overview

| | |
|--------------------|------------------------------------|
| Product Name | Ephrin-B2(Phospho-Tyr316) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | WB |
| Species Reactivity | Hu Ms |
| Immunogen Type | Peptide-KLH |
| Target Name | Ephrin-B2 |
| Modification | Phospho-Tyr316 |
| Alternative Names | HTKL; EPLG5; Htk-L; LERK5; |

Application Details

Predicted MW: 37kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HT29 cells, untreated or treated with UV using Ephrin-B2(Phospho-Tyr316) Antibody #11188.

Descriptions

| | |
|---------------|---|
| Immunogen | Peptide sequence around phosphorylation site of tyrosine 316 (P-V-Y(p)-I-V) derived from Human Ephrin-B2 |
| Specificity | The antibody detects endogenous levels of Ephrin-B2 only when phosphorylated at tyrosine 316. |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Formulation | Supplied at 1.0mg/mL 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 for long term preservation (recommended). Store at 4°C for short term use. |
| Accession NO. | Swiss-Prot: P52799NCBI Protein: NP_004084.1 |

Related Information

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene.

Chrencik JE, et al. (2006) J Biol Chem;281(38):28185-28192.

Kertesz N, et al. (2006) Blood;107(6):2330-2338.

Noren NK, et al. (2004) Proc Natl Acad Sci USA;101(15):5583-5588

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