p130 Cas (Phospho-Tyr410) Antibody

Catalog No: #11651

Package Size: #11651-1 50ul #11651-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

| Description | | | | | |
|-----------------------|--|--|--|--|--|
| Product Name | p130 Cas (Phospho-Tyr410) 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 chromatogramphy using non-phosphopeptide. | | | | |
| Applications | WB IHC | | | | |
| Species Reactivity | Hu | | | | |
| Specificity | The antibody detects endogenous levels of p130 Cas only when phosphorylated at tyrosine 410. | | | | |
| Immunogen Type | Peptide-KLH | | | | |
| Immunogen Description | Peptide sequence around phosphorylation site of tyrosine 410(G-V-Y(p)-A-V) derived from Human p130 Cas . | | | | |
| Target Name | p130 Cas | | | | |
| Modification | Phospho | | | | |
| Other Names | BCAR1; CRKAS; CRK-ASSOCIATED SUBSTRATE; | | | | |
| Accession No. | Swiss-Prot#: P56945; NCBI Gene#: 9564; NCBI Protein#: NP_055382.2. | | | | |
| Uniprot | P56945 | | | | |
| GeneID | 9564; | | | | |
| SDS-PAGE MW | 130kd | | | | |
| Concentration | 1.0mg/ml | | | | |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), 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 |) | | |

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells (Lane 2) and 3T3 cells (Lane 3), using P130 Cas(Phospho-Tyr410) Antibody #11651. The lane on the left is treated with antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p130 Cas (Phospho-Tyr410) antibody #11651 (left)or the same antibody preincubated with blocking peptide (right).

Background

Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion. Implicated in induction of cell migration. Overexpression confers antiestrogen resistance on breast cancer cells.

Katarzyna Modzelewska, J. Biol. Chem., Dec 2006; 281: 37527 - 37535.

Kevin Ogden, Am J Physiol Heart Circ Physiol, Dec 2006; 291: H2857 - H2863.

Sangkil Nam, Cancer Res., Oct 2005; 65: 9185 - 9189.

Norikazu Yamana, Mol. Cell. Biol., Sep 2006; 26: 6844 - 6

Note: This product is for in vitro research use only