



p130 Cas (phospho Tyr410) rabbit pAb

Cat No.:ES8060

For research use only

Overview

Product Name	p130 Cas (phospho Tyr410) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human p130 Cas around the phosphorylation site of Tyr410. AA range:376-425
Specificity	Phospho-p130 Cas (Y410) Polyclonal Antibody detects endogenous levels of p130 Cas protein only when phosphorylated at Y410.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Breast cancer anti-estrogen resistance protein 1
Gene Name	BCAR1
Cellular localization	Cell junction, focal adhesion . Cytoplasm . Cell projection, axon . Unphosphorylated form localizes in the cytoplasm (By similarity). Localizes to focal adhesion sites following integrin engagement (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	130kD
Human Gene ID	9564
Human Swiss-Prot Number	P56945
Alternative Names	BCAR1; CAS; CASS1; CRKAS; Breast cancer anti-estrogen resistance protein 1; CRK-associated



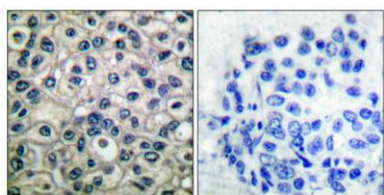


Background

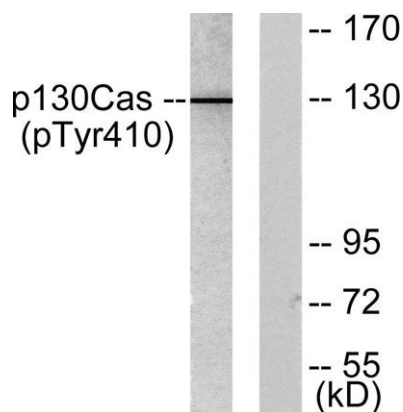
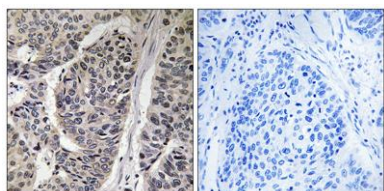
substrate; Cas scaffolding protein family member 1;
p130cas

BCAR1, or CAS, is an Src (MIM 190090) family kinase substrate involved in various cellular events, including migration, survival, transformation, and invasion (Sawada et al., 2006 [PubMed 17129785]).[supplied by OMIM, May 2009],

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absor



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p130 Cas (Phospho-Tyr410) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells, using p130 Cas (Phospho-Tyr410) Antibody. The lane on the right is blocked with the phospho peptide.

