

p130 Cas Antibody | anti-p130 Cas antibody

p130 Cas (Phospho-Tyr410) Antibody

CATALOG # AAA267357	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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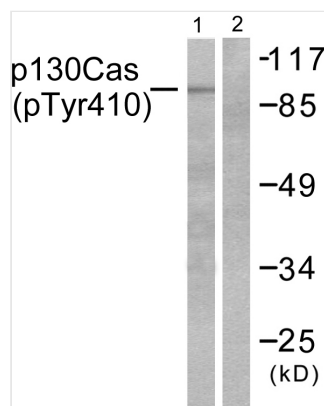
PRODUCT SYNONYMS

p130 Cas; p130 Cas (Phospho-Tyr410) Antibody; BCAR1; Breast cancer anti-estrogen resistance 1; CRK-ASSOCIATED SUBSTRATE; CRKAS; anti-p130 Cas antibody

PRODUCT SPECIFICATIONS

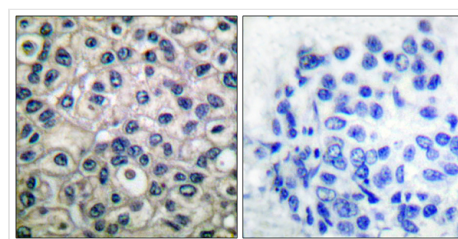
Reactivity	Human, Mouse, Rat
Specificity	p130 Cas (Phospho-Tyr410) antibody detects endogenous levels of p130 Cas only when phosphorylated at tyrosine 410.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	916
Applicable Applications for anti-p130 Cas antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p130 Cas around the phosphorylation site of tyrosine 410 (G-V-YP-A-V).
All Sites	Human: Tyr410 Mouse: Tyr414 Rat: Tyr508
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, using p130 Cas (Phospho-Tyr410) antibody (#A0077).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p130 Cas (Phospho-Tyr410) antibody (#A0077).

ADDITIONAL INFORMATION

References	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: 6844-6858.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	282398112
NCBI GeneID	9564
NCBI Accession #	NP_001164185.1
NCBI GenBank Nucleotide #	NM_001170714.2
UniProt Accession #	P56945; B3KWD7; B4DEV4; B4DGB5; B4DIW5; B7Z7X7; E9PCL5; E9PCV2; F5GXA2; F5GXV6; F5H7Z0; F8WA69
Molecular Weight	93,291 Da
NCBI Official Full Name	breast cancer anti-estrogen resistance protein 1 isoform 1
NCBI Official Synonym Full Names	BCAR1, Cas family scaffold protein
NCBI Official Symbol	BCAR1
NCBI Official Synonym Symbols	CAS; CAS1; CASS1; CRKAS; P130Cas
NCBI Protein Information	breast cancer anti-estrogen resistance protein 1
UniProt Protein Name	Breast cancer anti-estrogen resistance protein 1
UniProt Gene Name	BCAR1
UniProt Synonym Gene Names	CAS; CASS1; CRKAS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.