



p130 Cas (Phospho-Tyr165) Antibody

E11-0695A

Catalog Number: E11-0695A

Concentration: 1mg/ml

Swiss-Prot No.: P56945

Other Names: BCA1, BCAR1, Breast cancer anti-estrogen resistance 1 protein, CAS, CRK-associated substrate, CRKAS

All Sites: Human: Tyr165; Mouse: Tyr169; Rat: Tyr263

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human p130 Cas around the phosphorylation site of tyrosine 165 (D-L-Y^P-Q-V).

Purification: The antibody was 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.

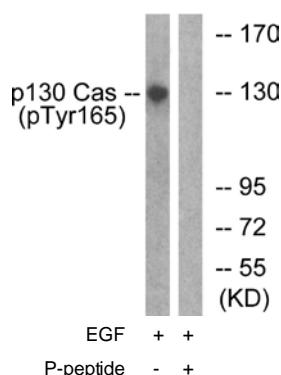
Specificity: p130 Cas (Phospho-Tyr165) antibody detects endogenous levels of p130 Cas only when phosphorylated at tyrosine 165.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:5000

References:

Sara Cabodi, Cancer Res., May 2006; 66: 4672 - 4680.
Päivi T. Lakkakorpi, J. Biol. Chem., Feb 1999; 274: 4900.
Zhiyuan Zhang, J. Biol. Chem., Aug 1999; 274: 25093.
Erguang Li, J. Biol. Chem., May 2000; 275: 14729.



Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using p130 Cas (Phospho-Tyr165) antibody.

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