

Rab 3 GAP p130 rabbit pAb**Cat#: orb766163 (Manual)**

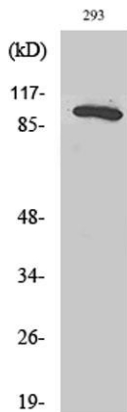
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Product Name	Rab 3 GAP p130 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human RAB3GAP1. AA range:538-587
Specificity	Rab 3 GAP p130 Polyclonal Antibody detects endogenous levels of Rab 3 GAP p130 protein.
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	Rab3 GTPase-activating protein catalytic subunit
Gene Name	RAB3GAP1
Cellular localization	Cytoplasm . In neurons, it is enriched in the synaptic soluble fraction.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

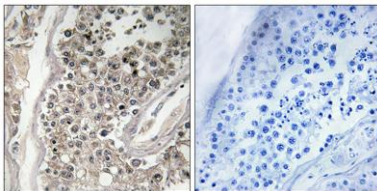
Concentration	1 mg/ml
Observed band	117kD
Human Gene ID	22930
Human Swiss-Prot Number	Q15042
Alternative Names	RAB3GAP1; KIAA0066; RAB3GAP; Rab3 GTPase-activating protein catalytic subunit; RAB3 GTPase-activating protein 130 kDa subunit; Rab3-GAP p130; Rab3-GAP

Background

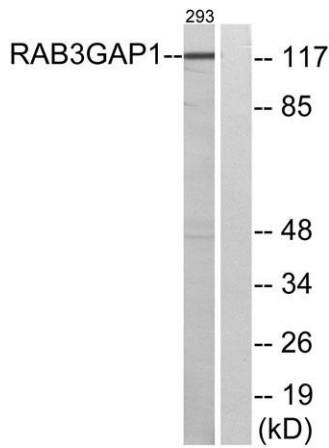
This gene encodes the catalytic subunit of a Rab GTPase activating protein. The encoded protein forms a heterodimer with a non-catalytic subunit to specifically regulate the activity of members of the Rab3 subfamily of small G proteins. This protein mediates the hydrolysis of GTP bound Rab3 to the GDP bound form. Mutations in this gene are associated with Warburg micro syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010],



Western Blot analysis of various cells using Rab 3 GAP p130 Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using RAB3GAP1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using RAB3GAP1 Antibody. The lane on the right is blocked with the synthesized peptide.