



# Rab 3 GAP p130 rabbit pAb

Cat No.:ES3288

For research use only

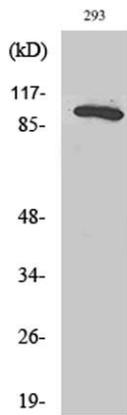
## Overview

<b>Product Name</b>	Rab 3 GAP p130 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RAB3GAP1. AA range:538-587
<b>Specificity</b>	Rab 3 GAP p130 Polyclonal Antibody detects endogenous levels of Rab 3 GAP p130 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Rab3 GTPase-activating protein catalytic subunit
<b>Gene Name</b>	RAB3GAP1
<b>Cellular localization</b>	Cytoplasm . In neurons, it is enriched in the synaptic soluble fraction.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	117kD
<b>Human Gene ID</b>	22930
<b>Human Swiss-Prot Number</b>	Q15042
<b>Alternative Names</b>	RAB3GAP1; KIAA0066; RAB3GAP; Rab3 GTPase-activating protein catalytic subunit; RAB3 GTPase-activating protein 130 kDa subunit; Rab3-GAP p130; Rab3-GAP
<b>Background</b>	This gene encodes the catalytic subunit of a Rab GTPase activating protein. The encoded protein



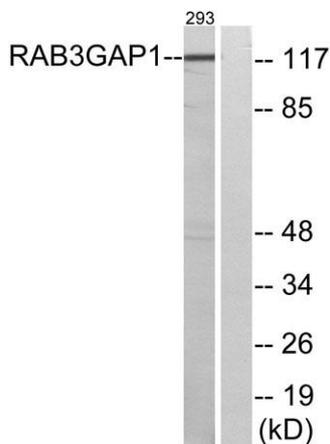
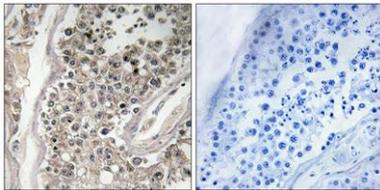


forms a heterodimer with a non-catalytic subunit to specifically regulate the activity of members of the Rab3 subfamily of small G proteins. This protein mediates the hydrolysis of GTP bound Rab3 to the GDP bound form. Mutations in this gene are associated with Warburg micro syndrome. Alternate splicing 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.

