



RHG20 Polyclonal Antibody

Catalog No	YP-Ab-06084
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ARHGAP20 KIAA1391
Immunogen	Synthesized peptide derived from human protein . at AA range: 800-880
Specificity	RHG20 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RHG20;ARHGAP20 KIAA1391;Rho GTPase-activating protein 20 (Rho-type GTPase-activating protein 20)
Observed Band	131kD
Calculated Molecular Weight	131kD
Cell Pathway	cytosol,
Tissue Specificity	Expressed predominantly in the brain. Lower expression is found in lymph nodes.
Function	caution:The translocation involving this gene was originally published as t(X;11)(q13;q23) (PubMed:15543602), but BRWD3 is localized to Xq21 and not to Xq13., developmental stage:Low expression is found in fetal liver.,disease:A chromosomal aberration involving ARHGAP20 may be a cause of B-cell chronic lymphocytic leukemia (B-CLL). Translocation t(X;11)(q21;q23) with BRWD3 does not result in fusion transcripts but disrupts both genes.,function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.,similarity:Contains 1 PH domain.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 1 Rho-GAP domain.,tissue specificity:Expressed predominantly in the brain. Lower expression is found in lymph nodes.,

**Background**

The protein encoded by this gene is an activator of RHO-type GTPases, transducing a signal from RAP1 to RHO and impacting neurite outgrowth. [provided by RefSeq, Sep 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images