

RhoBTB1/2 rabbit pAb**Cat#: orb766227 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	RhoBTB1/2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human RHBT2. AA range:61-110
Specificity	RhoBTB1/2 Polyclonal Antibody detects endogenous levels of RhoBTB1/2 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	Rho-related BTB domain-containing protein 1/2
Gene Name	RHOBTB1/RHOBTB2
Cellular localization	intracellular,cytosol,plasma membrane,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

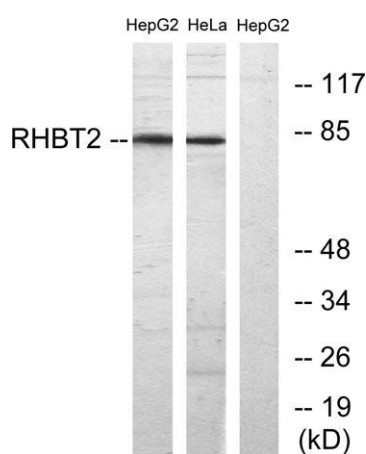
Concentration	1 mg/ml
Observed band	83kD
Human Gene ID	23221/9886
Human Swiss-Prot Number	O94844/Q9BYZ6
Alternative Names	RHOBTB1; KIAA0740; Rho-related BTB domain-containing protein 1; RHOBTB2; DBC2; KIAA0717; Rho-related BTB domain-containing protein 2; Deleted in breast cancer 2 gene protein; p83

Background

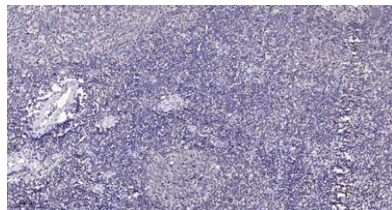
The protein encoded by this gene belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008],



Western Blot analysis of various cells using RhoBTB1/2 Polyclonal Antibody



Western blot analysis of lysates from HepG2 and HeLa cells, using RHBT2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).