



RhoBTB1/2 Monoclonal Antibody

Catalog No	YP-mAb-16245
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RHOBTB1/RHOBTB2
Immunogen	The antiserum was produced against synthesized peptide derived from human RHBT2. AA range:61-110
Specificity	RhoBTB1/2 Monoclonal Antibody detects endogenous levels of RhoBTB1/2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DBC 2;Deleted in breast cancer 2;Deleted in breast cancer 2 gene protein;p83; RHBT2_HUMAN;Rho related BTB domain containing 2;Rho related BTB domain containing protein 2;Rho-related BTB domain-containing protein 2;RHOBTB 2; Rhobtb2;178H16Rik;31148G13Rik;A1173445;A1573858;AV3593;KIAA74; MGC17538;MGC3359;MGC33841;OTTHUMP19662;OTTHUMP19663; RHBT1_HUMAN;Rho related BTB domain containing 1;Rho related BTB domain containing protein 1;Rho-related BTB domain-containing protein 1;Rhobtb1; RhoBTB1/2;RHOBTB1/RHOBTB2;Rho-related BTB domain-containing protein 1/ 2;KIAA0740;DBC2;KIAA0717
Observed Band	83kD
Calculated Molecular Weight	83kD
Cell Pathway	intracellular,cytosol,plasma membrane,
Tissue Specificity	Ubiquitous, with highest levels in skeletal muscle, placenta, testis, stomach, and kidney, followed by uterus and adrenal gland. Expressed in a variety of fetal tissues.



Function

similarity:Belongs to the small GTPase superfamily. Rho family.,
similarity:Contains 2 BTB (POZ) domains.,tissue specificity:Ubiquitous, with
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by uterus and adrenal gland. Expressed in a variety of fetal tissues.,

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],

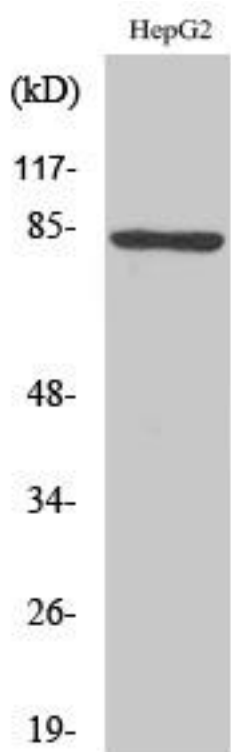
matters needing attention

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



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