



Dexas2 Monoclonal Antibody

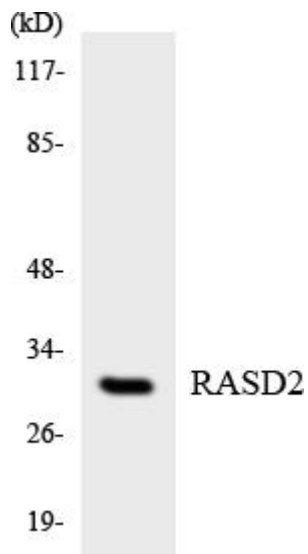
Catalog No	YP-mAb-16150
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RASD2
Protein Name	GTP-binding protein Rhes
Immunogen	The antiserum was produced against synthesized peptide derived from human RASD2. AA range:217-266
Specificity	Dexas2 Monoclonal Antibody detects endogenous levels of Dexas2 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	RASD2; TEM2; GTP-binding protein Rhes; Ras homolog enriched in striatum; Tumor endothelial marker 2
Observed Band	35kD
Cell Pathway	Cell membrane ; Lipid-anchor .
Tissue Specificity	Pancreatic endocrine cells (islets of Langerhans).
Function	function: Binds to GTP and possesses intrinsic GTPase activity. May play a role in mediating signal transduction (By similarity). May be involved in mediating the insulin secretory response to efaroxan.,similarity: Belongs to the small GTPase superfamily. RasD family.,subunit: Monomer .,tissue specificity: Pancreatic endocrine cells (islets of Langerhans).,
Background	This gene belongs to the Ras superfamily of small GTPases and is enriched in the striatum. The encoded protein functions as an E3 ligase for attachment of small ubiquitin-like modifier (SUMO). This protein also binds to mutant huntingtin (mHtt), the protein mutated in Huntington disease (HD). Sumoylation of mHtt by this protein may cause degeneration of the striatum. The protein functions as an activator of mechanistic target of rapamycin 1 (mTOR1), which in turn plays a role in myelination, axon growth and regeneration. Reduced levels of mRNA expressed by this gene were found in HD patients. [provided by RefSeq, Jan 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

Western Blot analysis of various cells using Dexras2 Monoclonal Antibody