



Dexas2 Polyclonal Antibody

Catalog No	BYab-16150
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
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 Polyclonal Antibody detects endogenous levels of Dexas2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
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

Nanjing BYabscience technology Co.,Ltd



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],

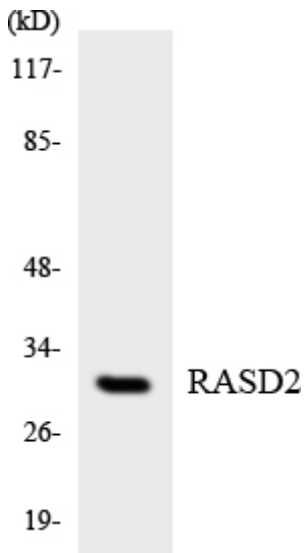
matters needing attention

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 the lysates from HepG2 cells using RASD2 antibody.