



# Dexas2 Polyclonal Antibody

<b>Catalog No</b>	BYab-16150
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	RASD2
<b>Protein Name</b>	GTP-binding protein Rhes
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RASD2. AA range:217-266
<b>Specificity</b>	Dexas2 Polyclonal Antibody detects endogenous levels of Dexas2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	RASD2; TEM2; GTP-binding protein Rhes; Ras homolog enriched in striatum; Tumor endothelial marker 2
<b>Observed Band</b>	35kD
<b>Cell Pathway</b>	Cell membrane ; Lipid-anchor .
<b>Tissue Specificity</b>	Pancreatic endocrine cells (islets of Langerhans).
<b>Function</b>	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).,
<b>Background</b>	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

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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],

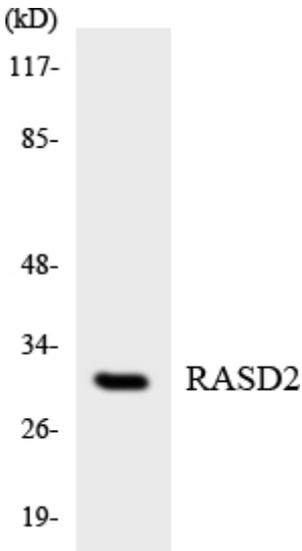
**matters needing attention**

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.