

## Dexas2 Polyclonal Antibody

<b>Catalog No :</b>	YT1328
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Dexas2
<b>Gene Name :</b>	RASD2
<b>Protein Name :</b>	GTP-binding protein Rhes
<b>Human Gene Id :</b>	23551
<b>Human Swiss Prot No :</b>	Q96D21
<b>Mouse Gene Id :</b>	75141
<b>Mouse Swiss Prot No :</b>	P63032
<b>Rat Gene Id :</b>	171099
<b>Rat Swiss Prot No :</b>	P63033
<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>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	35kD
<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 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],
<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>Subcellular Location :</b>	Cell membrane ; Lipid-anchor .
<b>Expression :</b>	Pancreatic endocrine cells (islets of Langerhans).

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