

**Product Name: Dexras2 Rabbit Polyclonal Antibody**  
**Catalog #: APRab09932**



## Summary

<b>Production Name</b>	Dexas2 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	RASD2
<b>Alternative Names</b>	RASD2; TEM2; GTP-binding protein Rhes; Ras homolog enriched in striatum; Tumor endothelial marker 2
<b>Gene ID</b>	23551.0
<b>SwissProt ID</b>	Q96D21. The antiserum was produced against synthesized peptide derived from human RASD2. AA range:217-266

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000, ELISA 1:40000.Not yet tested in other applications.
<b>Molecular Weight</b>	35kDa

## Background

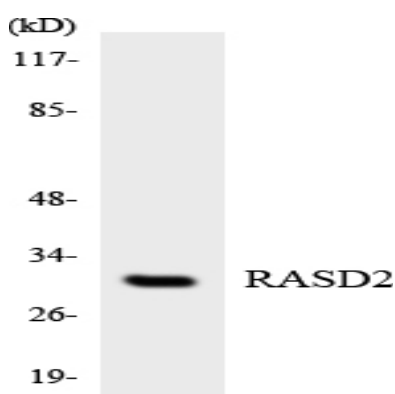
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This gene belongs to the Ras superfamily of small GTPases and is enriched in the striatum. The encoded protein functions as an E3 ligase for attachment of small ubiquitin-like modifier (SUMO). This protein also binds to mutant huntingtin (mHtt), the 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],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),

## Research Area

## Image Data



Western blot analysis of the lysates from HepG2 cells using RASD2 antibody.

## Note

For research use only.