

RASD2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58569**Specification**

RASD2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q96D21
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RASD2
Epitope Specificity	201-266/266
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Lipid-anchor.
SIMILARITY	Belongs to the small GTPase superfamily. RasD family.
SUBUNIT	Monomer (Potential). Interacts with PIK3CA and UBE2I. Interacts with GNB1, GNB2 and GNB3. Interacts with HTT; interacts with mutant HTT (mHTT) with a much higher affinity than wild type HTT. Farnesylated. Farnesylation is required for membrane targeting.
Post-translational modifications	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Important Note	

Background Descriptions

GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.

RASD2 Polyclonal Antibody - Additional Information**Gene ID** 23551**Other Names**

GTP-binding protein Rhes, Ras homolog enriched in striatum, Tumor endothelial marker 2, RASD2, TEM2

Target/Specificity

Pancreatic endocrine cells (islets of Langerhans).

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RASD2 Polyclonal Antibody - Protein Information

Name RASD2

Synonyms TEM2

Function

GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.

Cellular Location

Cell membrane; Lipid-anchor

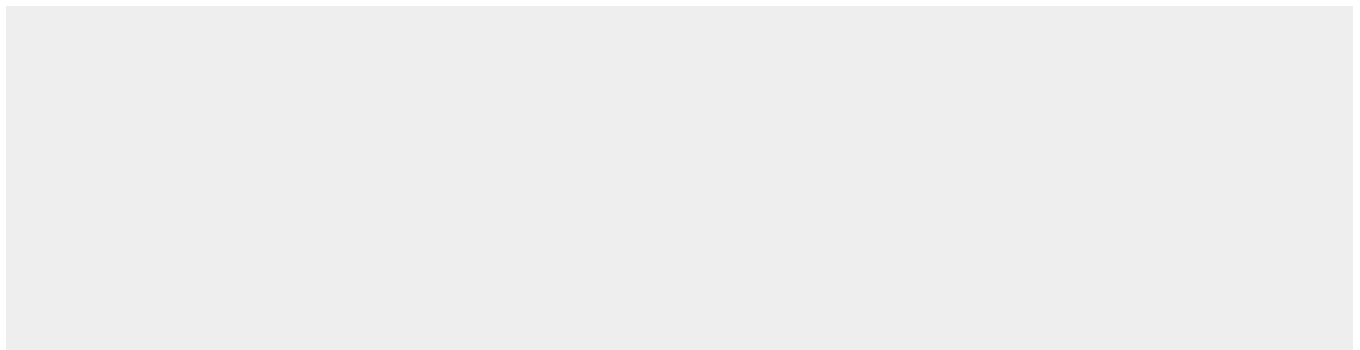
Tissue Location

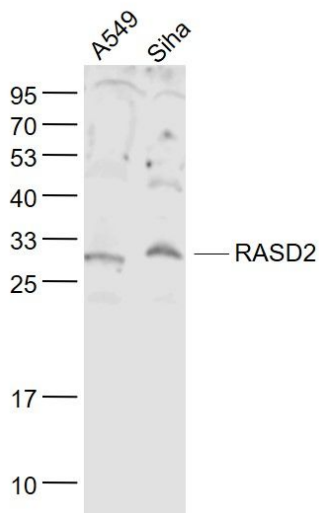
Pancreatic endocrine cells (islets of Langerhans).

RASD2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RASD2 Polyclonal Antibody - Images



Sample:

A549(Human) Cell Lysate at 30 ug

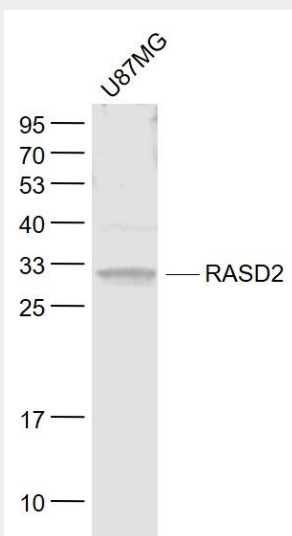
SiHa(Human) Cell Lysate at 30 ug

Primary: Anti- RASD2 (bs-7006R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 30 kD

Observed band size: 30 kD



Sample:

U87MG(Human) Cell Lysate at 30 ug

Primary: Anti- RASD2 (bs-7006R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 30 kD

Observed band size: 30 kD