

TRIP11/TRIP230 Rabbit pAb

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Catalog # AP56568

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q15643
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	227586
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRIP11/TRIP230
Epitope Specificity	1851-1979/1979
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 and Golgi Apparatus
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TRIP230 was identified through its ability to interact functionally with thyroid hormone receptor-beta. It has also been found in association with the Golgi apparatus and microtubules. TRIP230 binds the ligand binding domain of the thyroid receptor (THRB) in the presence of triiodothyronine and enhances THRB-modulated transcription. This protein is probably involved in maintaining cis-Golgi structure.

Additional Information

Gene ID	9321
Other Names	Thyroid receptor-interacting protein 11, TR-interacting protein 11, TRIP-11, Clonal evolution-related gene on chromosome 14 protein, Golgi-associated microtubule-binding protein 210, GMAP-210, Trip230, TRIP11, CEV14
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

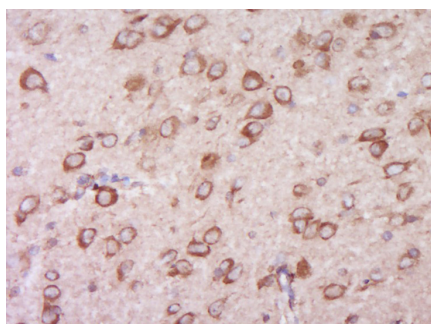
Protein Information

Name	TRIP11
Synonyms	CEV14
Function	Is a membrane tether required for vesicle tethering to Golgi. Has an essential role in the maintenance of Golgi structure and function (PubMed: 25473115 , PubMed: 30728324). It is required for efficient anterograde and retrograde trafficking in the early secretory pathway, functioning at both the ER-to-Golgi intermediate compartment (ERGIC) and Golgi complex (PubMed: 25717001). Binds the ligand binding domain of the thyroid receptor (THRB) in the presence of triiodothyronine and enhances THRB-modulated transcription.
Cellular Location	Golgi apparatus, cis-Golgi network membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton. Endoplasmic reticulum-Golgi intermediate compartment membrane. Note=Associates with the ends of centrosome-nucleated microtubules
Tissue Location	Highly expressed in pancreas, muscle, heart, testis, peripheral blood leukocytes, and in several leukemia cell lines. Detected at intermediate levels in placenta and kidney, and at low levels in brain and lung. Isoform 1 and isoform 2 are expressed in articular chondrocytes (PubMed:30728324).

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TRIP11) Polyclonal Antibody, Unconjugated (AP56568) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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