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Rabbit Anti-TRAPPC11 antibody

SL16581R

Product Name:	TRAPPC11
Chinese Name:	TransporterTRAPPC11抗体
Alias:	C4orf41; FLJ12716; Foie gras homolog; TPC11_HUMAN; foigr; gry; Gryzun homolog; Trafficking protein particle complex 11; Trafficking protein particle complex subunit 11.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	129kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TRAPPC11:151-250/1133
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a subunit of the TRAPP (transport protein particle) tethering complex, which functions in intracellular vesicle trafficking. This subunit is involved in early stage endoplasmic reticulum-to-Golgi vesicle transport. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2013]

Function:
Involved in endoplasmic reticulum to Golgi apparatus trafficking at a very early stage.

Subunit:
Component of the multisubunit TRAPP (transport protein particle) complex, which includes at least TRAPPC2, TRAPPC2L, TRAPPC3, TRAPPC3L, TRAPPC4, TRAPPC5, TRAPPC8, TRAPPC9, TRAPPC10, TRAPPC11 and TRAPPC12.

Subcellular Location:
Golgi apparatus; cis-Golgi network

DISEASE:
Limb-girdle muscular dystrophy 2S (LGMD2S) [MIM:615356]: A form of limb-girdle muscular dystrophy characterized by proximal muscle weakness with childhood onset, resulting in gait abnormalities and scapular winging. Serum creatine kinase is increased. A subset of patients may show a hyperkinetic movement disorder with chorea, ataxia, or dystonia and global developmental delay. Note=The disease is caused by mutations affecting the gene represented in this entry.

Similarity:
Belongs to the TRAPPC11 family.

SWISS:
Q7Z392

Gene ID:
60684

Database links:

Entrez Gene: 60684 Human

Entrez Gene: 320714 Mouse

Entrez Gene: 290746 Rat

Omim: 614138 Human

SwissProt: Q7Z392 Human

SwissProt: B2RXC1 Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.