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TAX1BP3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22005b

Product Information

Application	WB, E
Primary Accession	O14907
Other Accession	Q9DBG9, Q4QQV1
Reactivity	Human, Rat, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54863
Calculated MW	13735

Additional Information

Gene ID	30851
Other Names	Tax1-binding protein 3, Glutaminase-interacting protein 3, Tax interaction protein 1, TIP-1, Tax-interacting protein 1, TAX1BP3 (HGNC:30684)
Target/Specificity	This TAX1BP3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 71-103 amino acids from human TAX1BP3.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TAX1BP3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TAX1BP3 (HGNC:30684)
Function	May regulate a number of protein-protein interactions by competing for PDZ domain binding sites. Binds CTNNB1 and may thereby act as an inhibitor of the Wnt signaling pathway. Competes with LIN7A for KCNJ4 binding, and

	thereby promotes KCNJ4 internalization. May play a role in the Rho signaling pathway. May play a role in activation of CDC42 by the viral protein HPV16 E6.
Cellular Location	Cytoplasm. Nucleus. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Recruited to the cell membrane by interaction with membrane proteins
Tissue Location	Ubiquitous. Detected in brain, heart, kidney, lung, small intestine and skeletal muscle. Detected in various cell lines including HeLa. Weakly expressed in peripheral blood leukocytes

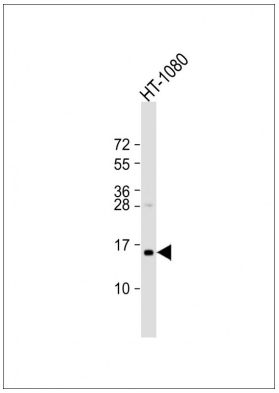
Background

May regulate a number of protein-protein interactions by competing for PDZ domain binding sites. Binds CTNNB1 and may thereby act as an inhibitor of the Wnt signaling pathway. Competes with LIN7A for KCNJ4 binding, and thereby promotes KCNJ4 internalization. May play a role in the Rho signaling pathway. May play a role in activation of CDC42 by the viral protein HPV16 E6.

References

Rousset R.,et al.Oncogene 16:643-654(1998).
Touchman J.W.,et al.Genome Res. 10:165-173(2000).
Olalla L.,et al.FEBS Lett. 488:116-122(2001).
Honore B.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Anti-TAX1BP3 Antibody (C-Term) at 1:2000 dilution + HT-1080 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.