

For Research Use Only

TMCO3 Polyclonal antibody, PBS Only

Catalog Number: 31488-1-PBS



Basic Information

Catalog Number: 31488-1-PBS	GenBank Accession Number: BC068515	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55002	
Source: Rabbit	UNIPROT ID: Q6UWJ1	
Isotype: IgG	Full Name: transmembrane and coiled-coil domains 3	
Immunogen Catalog Number: AG35012	Calculated MW: 75 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
IP, Indirect ELISA

Species Specificity:
human

Background Information

TMCO3, also known as transmembrane and coiled-coil domains 3 or C13orf11, is a protein-coding gene with functional annotation of probable Na⁺/H⁺ antiporter. It belongs to the monovalent cation:proton antiporter-2 (CPA2) family according to the Transporter Classification Database (TCDB) (PMID: 33170213). Most CPA2 family members have similar functions and are involved in ion transport (K⁺, Na⁺, and H⁺) in bacteria, archaea, insects, and plants. Upregulated TMCO3 could act as an oncogenic mediator and promote sorafenib resistance in HCC, providing a potential therapeutic target for HCC treatment (PMID: 36304514).

Storage

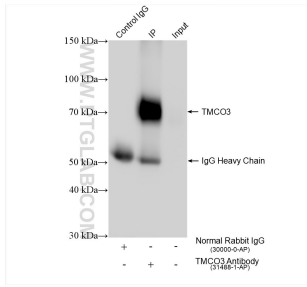
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

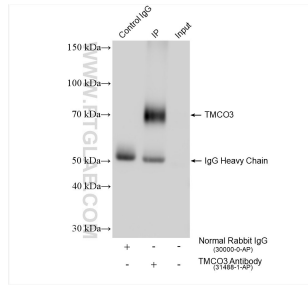
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-TMCO3 (IP:31488-1-AP, 4ug; Detection:31488-1-AP 1:1000) with HuH-7 cells lysate 880 ug. This data was developed using the same antibody clone with 31488-1-PBS in a different storage buffer formulation.



IP result of anti-TMCO3 (IP:31488-1-AP, 4ug; Detection:31488-1-AP 1:1000) with HepG2 cells lysate 1800 ug. This data was developed using the same antibody clone with 31488-1-PBS in a different storage buffer formulation.