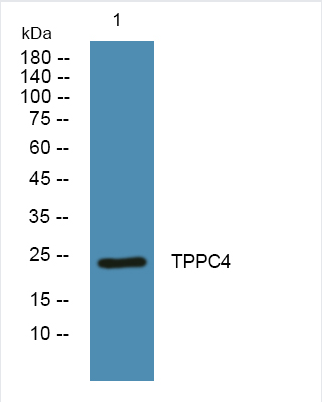
TPPC4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TPPC4, Polyclonal Antibody
Full Product Name	TPPC4 Rabbit Polyclonal Antibody
Product Gene Name	anti-TPPC4 antibody
Product Synonym Gene Name	TRAPPC4, SBDN, CGI-104, HSPC172, PTD009
Product Synonym Names	BH6842; Trafficking protein particle complex subunit 4 (Hematopoietic stem/progenitor cell protein 172)(Synbindin)(TRS23 homolog)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	TPPC4 Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	26.7 kDa (242aa) confirmed by MALDI-TOF
OMIM	AF105025 mRNA
3D Structure	ModBase 3D Structure for Q9Y296
Immunogen	Synthesized peptide derived from part region of human protein
Modification	Unmodified/Total
Applications Tested/Suitable for anti-TPPC4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TPPC4 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-TPPC4 antibody	MBS9517523 is an antibody targeting TPPC4. Also known as TPPC4 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-TPPC4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TPPC4 antibody
Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TPPC4. It may not necessarily be applicable to this product.

NCBI GI #	7706667
NCBI GeneID	51399
NCBI Accession #	NP_057230
UniProt Primary Accession #	Q9Y296
UniProt Secondary Accession #	A8K3A5; B4DME1
UniProt Related Accession #	Q9Y296
GenBank Nucleotide #	NM_016146.5
NCBI Official Full Name	trafficking protein particle complex subunit 4 isoform 1
NCBI Official Synonym Full Names	trafficking protein particle complex 4
NCBI Official Symbol	TRAPPC4
NCBI Official Synonym Symbols	SBDN; TRS23; PTD009; CGI-104; HSPC172; SYNBINDIN
UniProt Protein Name	Trafficking protein particle complex subunit 4
UniProt Synonym Protein Names	Hematopoietic stem/progenitor cell protein 172; Synbindin; TRS23 homolog
UniProt Gene Name	TRAPPC4
UniProt Synonym Gene Names	SBDN
NCBI Protein Information	trafficking protein particle complex subunit 4
UniProt Comments for TPPC4	May play a role in vesicular transport from endoplasmic reticulum to Golgi.
Research Articles on TPPC4	**1.** Overexpression of TRAPPC4 increased colorectal carcinogenesis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/tppc4/9517523