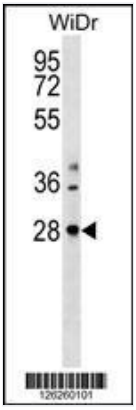
THAP10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	THAP10, Polyclonal Antibody
Full Product Name	THAP10, NT (THAP10, THAP domain-containing protein 10) (Azide free) (HRP)
Product Gene Name	anti-THAP10 antibody
Product Synonym Names	THAP10; THAP domain-containing protein 10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	28,351 Da
Chromosome Location	Chromosome: 15; NC_000015.9 (71173681..71184772, complement). Location: 15q23
OMIM	612538
3D Structure	ModBase 3D Structure for Q9P2Z0
Immunogen	THAP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-112 amino acids from the N-terminal region of human THAP10.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-THAP10 antibody	Antibodies; THAP Domain-containing Proteins
Applications Tested/Suitable for anti-THAP10 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-THAP10 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-THAP10 antibody	This gene encodes a member of a family of proteins sharing an N-terminal Thanatos-associated domain. The Thanatos-associated domain contains a zinc finger signature similar to DNA-binding domains. This gene is part of a bidirectional gene pair on the long arm of chromosome 15 that is regulated by estrogen and may play a role in breast cancer.
Product References and Citations for anti-THAP10 antibody	De Souza Santos, E., et al. Int. J. Oncol. 33(1):25-31(2008). Olsen, J.V., et al. Cell 127(3):635-648(2006). Roussigne, M., et al. Trends Biochem. Sci. 28(2):66-69(2003).

Other Notes	Small volumes of anti-THAP10 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.
Searchable Terms for THAP10 purchase	MBS6355342 is an antibody targeting THAP10. Also known as THAP10, NT (THAP10, THAP domain-containing protein 10) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-THAP10 antibody
THAP10 Antibody (N-term) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the THAP10 Antibody detected the THAP10 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for THAP10. It may not necessarily be applicable to this product.

NCBI GI #	9910354
NCBI GeneID	56906
NCBI Accession #	NP_064532.1
UniProt Primary Accession #	Q9P2Z0
UniProt Secondary Accession #	B2R8R0
UniProt Related Accession #	Q9P2Z0
GenBank Nucleotide #	NM_020147.3
NCBI Official Full Name	THAP domain-containing protein 10
NCBI Official Synonym Full Names	THAP domain containing 10
NCBI Official Symbol	THAP10
UniProt Protein Name	THAP domain-containing protein 10
Protein Family	THAP domain-containing protein
UniProt Gene Name	THAP10
UniProt Entry Name	THA10_HUMAN
NCBI Protein Information	THAP domain-containing protein 10
UniProt Comments for THAP10	THAP10: Chromosomal Location of Human Ortholog: 15q23 Molecular Function: DNA binding; metal ion binding
Research Articles on THAP10	**1.** transcripts of LRRC49/THAP10 bidirectional gene pair are co-regulated by estrogen and that hypermethylation of the bidirectional promoter region simultaneously silences both genes.

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