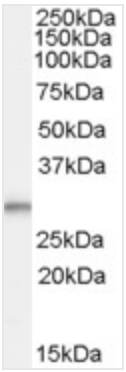
TPD52L2 Antibody – Goat Polyclonal

PRODUCT OVERVIEW

Product Name	TPD52L2/D54, Polyclonal Antibody
Full Product Name	Goat anti-TPD52L2/D54 Antibody
Product Gene Name	anti-TPD52L2 antibody
Product Synonym Gene Name	D54
Product Synonym Names	TPD52L2; D54; tumor protein D52-like 2; DKFZp686A1765; hD54; HCCR-binding protein 2; TPD52L2 antibody; D54 antibody; tumor protein D52-like 2 antibody; DKFZp686A1765 antibody; hD54 antibody; HCCR-binding protein 2 antibody; TPD52L2 / D54
Immunogen Sequence	SGDKPLSDPA P
Clonality	Polyclonal
Host	Goat
Species Reactivity	Tested: Human; Expected from sequence similarity: Human
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Concentration	100ug specific antibody in 200ul (lot specific)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.
Antibody/Peptide Pairs	TPD52L2 / D54 peptide (MBS426718) is used for blocking the activity of TPD52L2/D54 antibody (MBS420564)
Molecular Weight	24,854 Da
OMIM	603747
Immunogen	Peptide with sequence C-SGDKPLSDPAP, from the C Terminus of the protein sequence according to NP_955392.1; NP_955393.1; NP_955394.1; NP_955395.1; NP_003279.2; NP_955391.1.
Epitope	C Terminus
Note	This antibody is expected to recognise all reported isoforms (NP_955392.1; NP_955393.1; NP_955394.1; NP_955395.1; NP_003279.2; NP_955391.1).
ISO Certification	Manufactured in an ISO 9001:2008 Certified Laboratory.
Applications Tested/Suitable for anti-TPD52L2 antibody	Peptide ELISA (EIA), Western Blot (WB)
Application Notes for anti-TPD52L2 antibody	Peptide ELISA: Antibody detection limit dilution 1: 16000. Western Blot: Approx 28kDa band observed in Human Breast Cancer and Human Brain lysates (calculated MW of 24.9kDa according to NP_955392.1). Recommended concentration: 0.1-0.3ug/ml.
Related Product Information for anti-TPD52L2 antibody	MBS420564 is an antibody targeting TPD52L2. Also known as Goat anti-TPD52L2/D54 Antibody. Reactive in Tested: Human; Expected from sequence similarity: Human. Host: Goat.
Other Notes	Small volumes of anti-TPD52L2 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-TPD52L2 antibody
(0.1ug/ml) staining of Human Breast Cancer lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TPD52L2. It may not necessarily be applicable to this product.

NCBI GI #	40805864
NCBI GeneID	7165
NCBI Accession #	NP_955392.1
NCBI Related Accession #	NP_955393.1; NP_955394.1; NP_955395.1; NP_003279.2; NP_955391.1
UniProt Secondary Accession #	O43398; Q5JWU5; Q5JWU6; Q5JWU8; Q5U0E0; Q9H3Z6; B4DPJ6; E1P5G7
UniProt Related Accession #	O43399
GenBank Nucleotide #	NM_199360.2
NCBI Official Full Name	tumor protein D54 isoform a
NCBI Official Synonym Full Names	tumor protein D52 like 2
NCBI Official Symbol	TPD52L2
NCBI Official Synonym Symbols	D54; TPD54
UniProt Protein Name	Tumor protein D54
UniProt Synonym Protein Names	Tumor protein D52-like 2
Protein Family	Tumor protein
UniProt Gene Name	TPD52L2
UniProt Synonym Gene Names	hD54
UniProt Entry Name	TPD54_HUMAN
NCBI Protein Information	tumor protein D54
NCBI Summary for TPD52L2	This gene encodes a member of the tumor protein D52-like family. These proteins are characterized by an N-terminal coiled-coil motif that is used to form homo- and heteromeric complexes with other tumor protein D52-like proteins. Expression of this gene may be a marker for breast cancer and acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 12. [provided by RefSeq, Aug 2011]
UniProt Comments for TPD52L2	TPD52L2: a cell cycle-regulated protein maximally expressed at the G2-M transition in breast cancer cells. Two alternatively sp[liced isoforms have been reported. Protein type: Unknown function Chromosomal Location of Human Ortholog: 20q13.2-q13.3

Research Articles on TPD52L2	**1.** High TPD52L2 expression is associated with gastric cancer.
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