

DATASHEET

TPD52 Rabbit Polyclonal Antibody

CAT. NO. APA13877

KEY FEATURES

Target	TPD52	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Tumor protein D52 (TPD52), also known as Protein N8. Belongs to the TPD52 family Subunit: Forms a homodimer or heterodimer with other members of the family. All isoforms interact with several 14-3-3 proteins Tissue specificity: Isoform 2 is expressed in colon, breast, prostate, pancreas and kidney tumor cell lines. Isoform 2 is expressed at high levels in kidney, prostate, brain, small intestine and pancreas, at moderate levels in placenta and colon, at low levels in lung, liver and heart, and at very low levels in spleen, thymus, peripheral mononuclear blood cells, testis and ovary Developmental stage: Isoform 2 is expressed at lower levels in fetal brain and kidney than in adult brain and kidney

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to TPD52
Specificity	Recognizes endogenous levels of TPD52 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TPD52
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 16; Observed: 26 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Tumor protein D52; Protein N8
Gene Symbol	TPD52
Entrez Gene	7163(Human)
SwissProt	P55327(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

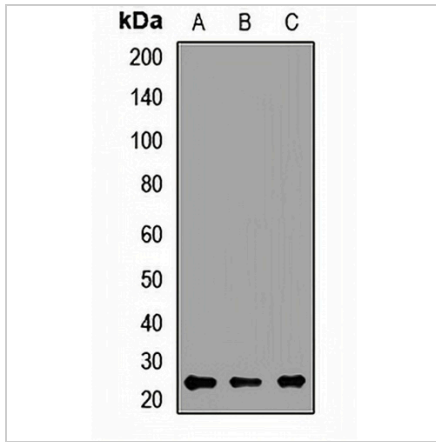
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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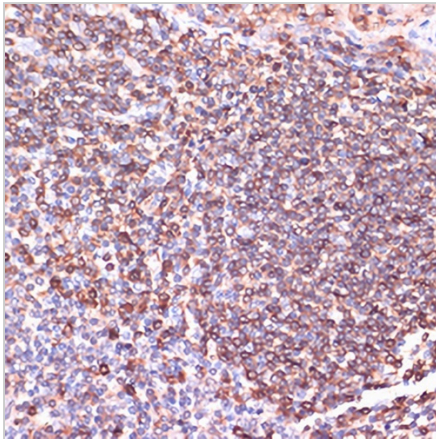
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DATA



Western blot analysis of TPD52 expression in MCF7 (A), HeLa (B), HT29 (C) whole cell lysates. (Predicted band size: 16; 19; 22; 24; 25; 26 kD; Observed band size: 26 kD)



Immunohistochemical analysis of TPD52 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.