

**Goat Anti-TPD52 Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF2100a

**Specification**

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**Goat Anti-TPD52 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P55327</a>
Other Accession	<a href="#">NP_005070</a> , <a href="#">7163</a>
Reactivity	<b>Human</b>
Predicted	<b>Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>100ug/200ul</b>
Isotype	<b>IgG</b>
Calculated MW	<b>24327</b>

**Goat Anti-TPD52 Antibody - Additional Information**

**Gene ID** 7163

**Other Names**

Tumor protein D52, Protein N8, TPD52

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-TPD52 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-TPD52 Antibody - Protein Information**

**Name** TPD52

**Tissue Location**

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.

## Goat Anti-TPD52 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Goat Anti-TPD52 Antibody - Images



AF2100a (1 µg/ml) staining of Human Lymph Node lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-TPD52 Antibody - References

Polymorphisms in predicted miRNA binding sites and osteoporosis. Lei SF, et al. J Bone Miner Res, 2010 Jul 16. PMID 20641033.

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

Tumor protein D52 expression and Ca<sup>2+</sup>-dependent phosphorylation modulates lysosomal membrane protein trafficking to the plasma membrane. Thomas DD, et al. Am J Physiol Cell Physiol, 2010 Mar. PMID 20032513.

Sequential use of transcriptional profiling, expression quantitative trait mapping, and gene association implicates MMP20 in human kidney aging. Wheeler HE, et al. PLoS Genet, 2009 Oct. PMID 19834535.

Transcription variants of the prostate-specific PrLZ gene and their interaction with 14-3-3 proteins. Wang R, et al. Biochem Biophys Res Commun, 2009 Nov 20. PMID 19732746.