10320 Camino Santa Fe, Suite G
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TPRX1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant TPRX1.
Catalog # AT4325a

Specification

TPRX1 Antibody (monoclonal) (M02) - Product Information

Application	**WB, IHC**
Primary Accession	Q8N7U7
Other Accession	NM_198479
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**40603**

TPRX1 Antibody (monoclonal) (M02) - Additional Information

Gene ID 284355

Other Names
Tetra-peptide repeat homeobox protein 1, TPRX1

Target/Specificity
TPRX1 (NP_940881, 313 a.a. ~ 412 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
IHC~~1:100~500

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TPRX1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

TPRX1 Antibody (monoclonal) (M02) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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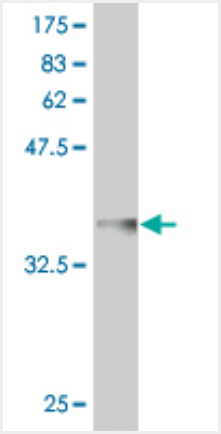
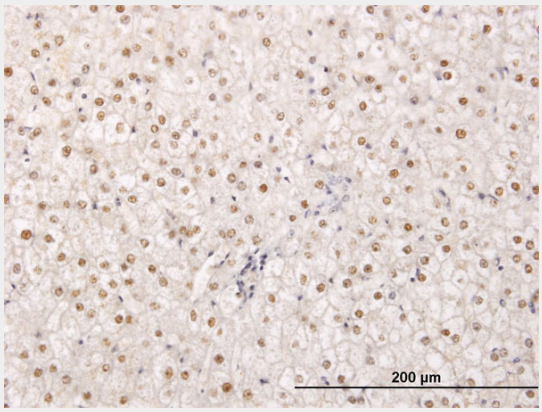
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TPRX1 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37 KDa) .



Immunoperoxidase of monoclonal antibody to TPRX1 on formalin-fixed paraffin-embedded human liver. [antibody concentration 0.8 ug/ml]

TPRX1 Antibody (monoclonal) (M02) - Background

Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the TPRX homeobox gene family.

TPRX1 Antibody (monoclonal) (M02) - References

Annotation, nomenclature and evolution of four novel homeobox genes expressed in the human germ line. Booth HA, et al. Gene, 2007 Jan 31. PMID 17005330.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.