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Datasheet for ABIN7466612 **anti-TMOD3 antibody**

Overview

Quantity:	100 µL
Target:	TMOD3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMOD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Tropomodulin 3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TMOD3
Alternative Name:	tropomodulin 3 (TMOD3 Products)
Background:	Tropomodulin 3 , UTMOD,Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.

Target Details

Molecular Weight:	40 kDa
Gene ID:	29766
UniProt:	Q9NYL9
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: MCF-7
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.54 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.