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Datasheet for ABIN7271104
anti-TACSTD2 antibody (AA 27-270)

4 Images

Overview

Quantity:	100 µL
Target:	TACSTD2
Binding Specificity:	AA 27-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TACSTD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	TROP-2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 27-270 of human TROP-2 (NP_002344.2).
Sequence:	HTAAQDNCTC PTNKMTVCSP DGPGGRCQCR ALGSGMAVDC STLTSKCLLL KARMSAPKNA RTLVRPSEHA LVDNDGLYDP DCDPEGRFKA RQCNQTSVCW CVNSVGVRRRT DKGDLSLRCD ELVRTHHILI DLRHRPTAGA FNHSDLDAEL RRLFRERYRL HPKFVAHVHY EQPTIQIELR QNTSQKAAGD VDIGDAAYYF ERDIKGESLF QGRGGLDLRV RGEPLQVERT LIYYLDEIPP KFSM
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: TACSTD2

Alternative Name: TACSTD2 ([TACSTD2 Products](#))

Background: This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.,TACSTD2,EGP-1,EGP1,GA733-1,GA7331,GP50,M1S1,TROP2,Cancer,Tumor biomarkers,Signal Transduction,TACSTD2

Molecular Weight: 35kDa

Gene ID: 4070

UniProt: [P09758](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

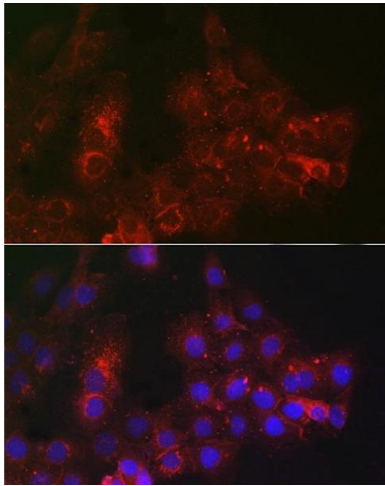
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

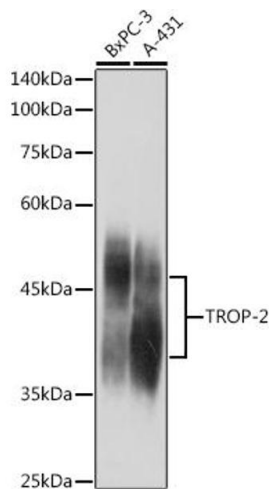
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



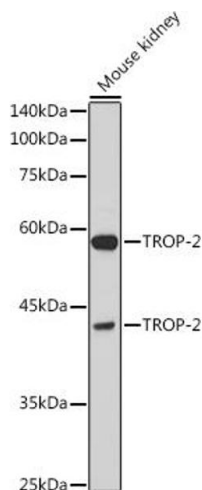
Immunofluorescence

Image 1. Immunofluorescence analysis of cells using TROP-2 Rabbit pAb (ABIN7271104) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TROP-2 antibody (ABIN7271104) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 1s.



Western Blotting

Image 3. Western blot analysis of extracts of Mouse kidney, using TROP-2 antibody (ABIN7271104) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7271104.