

TRPC1 Antibody | anti-TRPC1 antibody

Goat anti-TRPC1 Antibody

CATALOG # AAA61809	REACTIVITY Human Expected from sequence similarity: Mouse, Rat, Dog	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, ELISA
------------------------------	---	--

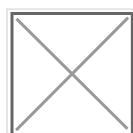
PRODUCT SYNONYMS

TRPC1; Goat anti-TRPC1 Antibody; transient receptor potential cation channel; subfamily C; member 1; HTRP-1; MGC133334; MGC133335; TRP1; transient receptor potential channel 1; anti-TRPC1 antibody

PRODUCT SPECIFICATIONS

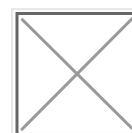
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	759
Applicable Applications for anti-TRPC1 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Peptide Sequence + C	C-NLKQKRDENYQK
Epitope	Internal Region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



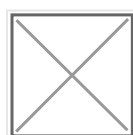
IHC (Immunohistochemistry)

3.75ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



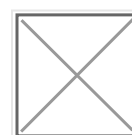
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic/Vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507685
NCBI GeneID	7220
NCBI Accession #	NP_003295.1; NP_001238774.1
NCBI GenBank Nucleotide #	NM_003304.4
UniProt Accession #	P48995; Q14CE4
Molecular Weight	87,617 Da
NCBI Official Full Name	short transient receptor potential channel 1 isoform 2
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily C member 1
NCBI Official Symbol	TRPC1
NCBI Official Synonym Symbols	TRP1; HTRP-1
NCBI Protein Information	short transient receptor potential channel 1
UniProt Protein Name	Short transient receptor potential channel 1
UniProt Gene Name	TRPC1
UniProt Synonym Gene Names	TRP1; TrpC1; TRP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dog-human-mouse-rat-antibody/trpc1/61809>