

Rabbit TRPA1 Polyclonal Antibody | anti-TRPA1 antibody

TRPA1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197940	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast	Immunofluorescence, Western Blot, Immunohistochemistry

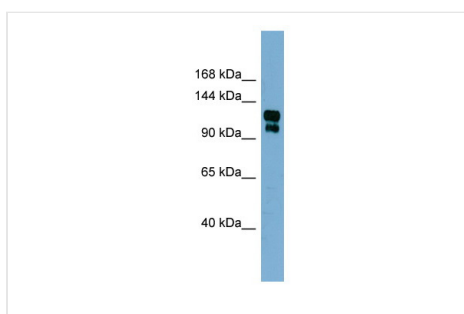
PRODUCT SYNONYMS

TRPA1; Polyclonal Antibody; TRPA1 antibody - middle region; anti-TRPA1 antibody

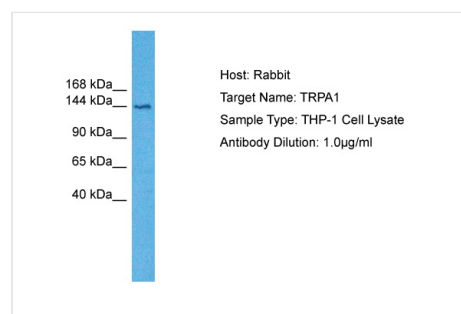
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KC TDRLEDEGNT ALHFAAREGH AKAVALLLSH NADIVLNKQQ ASFLHLAL
Sequence Length	1119
Applicable Applications for anti-TRPA1 antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 90%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Yeast: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TRPA1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

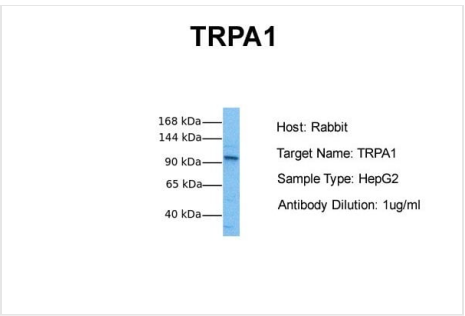


WB (Western Blot)

WB Suggested Anti-TRPA1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: Human Stomach


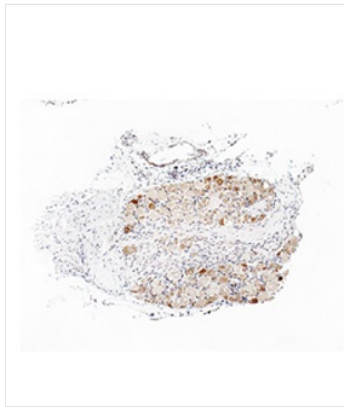
WB (Western Blot)

Host: Rabbit
Target Name: TRPA1
Sample Type: THP-1 Cell Lysate
Antibody Dilution: 1.0 ug/ml



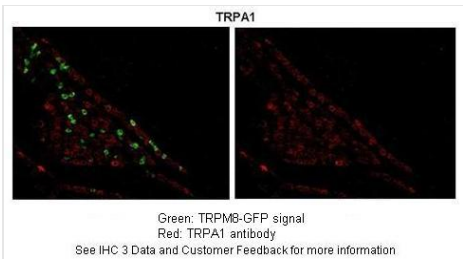
WB (Western Blot)

Host: Rabbit Target Name: TRPA1 Sample Tissue: Human HepG2 Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Immunohistochemistry with rat sensory ganglia tissue



IHC (Immunohistochemistry)

Sample Type :Section of TRPM8-GFP transgenic mouse trigeminal ganglia Primary Antibody Dilution :1:250 Secondary Antibody :Goat Anti-Rabbit Alexa-Fluor 594 Secondary Antibody Dilution :1:1000 Color/Signal Descriptions :TRPA1: Red TRPM8-GFP:: Green Gene Name :TRPA1 Submitted by :Dr. Daniel McCoy, USC

ADDITIONAL INFORMATION

Related Product Information for anti-TRPA1 antibody	This is a rabbit polyclonal antibody against TRPA1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in sig
Product Categories/Family for anti-TRPA1 antibody	Polyclonal; Ion Channel; Membrane Protein; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534990
NCBI GeneID	8989
NCBI Accession #	NP_015628
NCBI GenBank Nucleotide #	NM_007332
UniProt Accession #	O75762
Molecular Weight	127kDa
NCBI Official Full Name	transient receptor potential cation channel subfamily A member 1
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily A member 1
NCBI Official Symbol	TRPA1
NCBI Official Synonym Symbols	FEPS; FEPS1; ANKTM1

NCBI Protein Information	transient receptor potential cation channel subfamily A member 1
UniProt Protein Name	Transient receptor potential cation channel subfamily A member 1
UniProt Gene Name	TRPA1
UniProt Synonym Gene Names	ANKTM1
UniProt Entry Name	TRPA1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trpa1-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/197940>