

Anti-TRPA1 antibody (900-1000) (STJ111303)
STJ111303

GENERAL INFORMATION

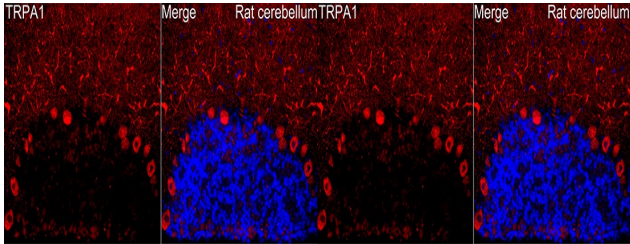
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

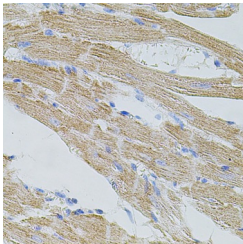
TARGET INFORMATION

Gene ID	8989
Gene Symbol	TRPA1
Uniprot ID	TRPA1_HUMAN
Immunogen	
Immunogen Region	900-1000
Specificity	A synthetic peptide corresponding to a sequence within amino acids 900-1000 of human TRPA1 (NP_015628.2).
Immunogen Sequence	SPLLSIQTFSMMLGDINYR ESFLEPYLRNELAHPVLSFA QLVSFITFVPIVLMNLLIGL AVGDIAEVQKHASKRIAMQ VELHTSLEKKLPLWFLRKVD Q

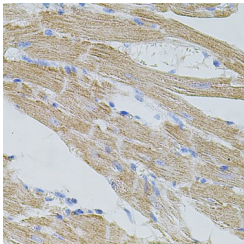


Western blot analysis of extracts of mouse liver, using TRPA1 antibody (STJ111303) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

Immunofluorescence analysis of a paraffin-embedded Rat cerebellum tissue using TRPA1 Rabbit polyclonal antibody (STJ111303) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry of paraffin-embedded rat brain using TRPA1 antibody (STJ111303) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of TRPA1 in paraffin-embedded mouse heart using TRPA1 Rabbit polyclonal antibody (STJ111303) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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