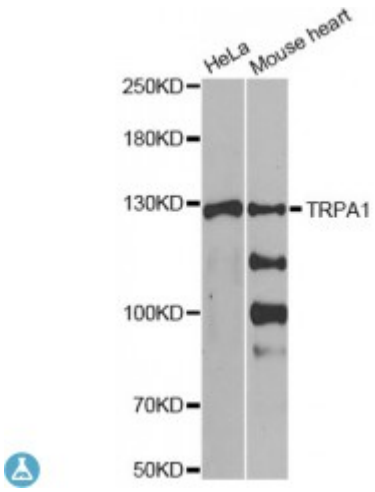
Anti-TRPA1 Antibody



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 signal transduction and growth control.

Model	STJ114418
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 850-950 of human TRPA1 (NP_015628.2).
Gene ID	8989
Gene Symbol	TRPA1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed at very low level, Expressed at very low level in human fibroblasts and at a moderate level in liposarcoma cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Transient receptor potential cation channel subfamily A member 1 Ankyrin-like with transmembrane domains protein 1 Transformation-sensitive protein p120
Molecular Weight	127.501 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:497OMIM:604775Reactome:R-HSA-3295583
Alternative Names	Transient receptor potential cation channel subfamily A member 1 Ankyrin-like with transmembrane domains protein 1 Transformation-sensitive protein p120
Function	Receptor-activated non-selective cation channel involved in detection of pain and possibly also in cold perception and inner ear function ,
Cellular Localization	Cell membrane
Post-translational Modifications	TRPA1 activation by electrophiles occurs though covalent modification of specific cysteine residues in the N-terminal cytoplasmic domain,