

TRPC1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS13173**Specification**

TRPC1 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P48995
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Pig, Chicken, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	91kDa KDa

TRPC1 Antibody (Internal) - Additional Information**Gene ID** 7220**Other Names**

Short transient receptor potential channel 1, TrpC1, Transient receptor protein 1, TRP-1, TRPC1, TRP1

Target/Specificity

Human TRPC1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

TRPC1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TRPC1 Antibody (Internal) - Protein Information**Name** TRPC1**Synonyms** TRP1**Function**

Forms a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Also activated by intracellular calcium store depletion.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Seems to be ubiquitous.

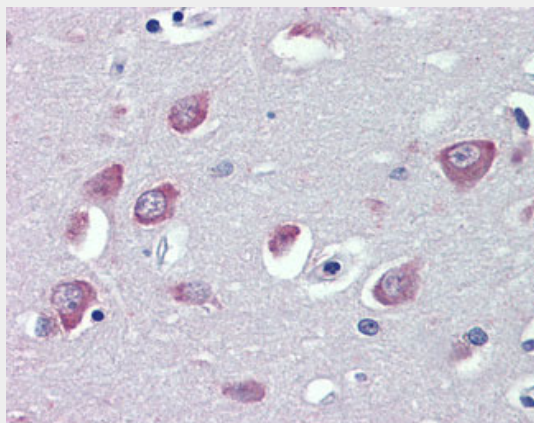
Volume
50 µl

TRPC1 Antibody (Internal) - Protocols

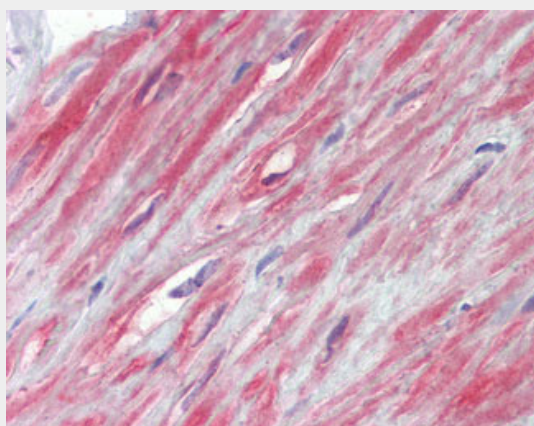
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRPC1 Antibody (Internal) - Images



Anti-TRPC1 antibody IHC of human brain, cortex.



Anti-TRPC1 antibody IHC of human prostate, fibromuscular stroma.

TRPC1 Antibody (Internal) - Background

Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Seems to be also activated by intracellular calcium store

depletion.

TRPC1 Antibody (Internal) - References

Zhu X.,et al.FEBS Lett. 373:193-198(1995).

Wes P.D.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:9652-9656(1995).

Zitt C.,et al.Neuron 16:1189-1196(1996).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Lockwich T.P.,et al.J. Biol. Chem. 275:11934-11942(2000).