

TRPC7 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2940a**Specification**

TRPC7 Antibody (internal region) - Product Information

Application	WB, IP, E
Primary Accession	O9HCX4
Other Accession	NP_065122.1 , NP_001161049.1 , NP_001161048.1 , 57113 , 26946 (mouse) , 282822 (rat)
Reactivity	Chicken
Predicted	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	99562

TRPC7 Antibody (internal region) - Additional Information**Gene ID** 57113**Other Names**

Short transient receptor potential channel 7, TrpC7, Transient receptor protein 7, TRP-7, hTRP7, TRPC7, TRP7

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRPC7 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TRPC7 Antibody (internal region) - Protein Information**Name** TRPC7**Synonyms** TRP7**Function**

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. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion.

Cellular Location

Cell membrane; Multi-pass membrane protein. Nucleus envelope

TRPC7 Antibody (internal region) - 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](#)

TRPC7 Antibody (internal region) - Images**TRPC7 Antibody (internal region) - Background**

This antibody is expected to cross-react with isoform 1, 2 and 3 (NP_065122.1; NP_001161049.1; NP_001161048.1).

TRPC7 Antibody (internal region) - References

TRPC3/6/7: Topical aspects of biophysics and pathophysiology. Eder P, Groschner K. Channels (Austin). 2008 Mar 29;2(2). [Epub ahead of print]. PMID: 18849655