

TRPC1 Polyclonal antibody

Catalog Number: 19482-1-AP

Featured Product

10 Publications

Basic Information

Catalog Number:

19482-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003304

GeneID (NCBI):

7220

UNIPROT ID:

P48995

Full Name:

transient receptor potential cation channel, subfamily C, member 1

Calculated MW:

91 kDa

Observed MW:

90 kDa, 130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IP, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: PC-3 cells, human brain tissue, human testis tissue, mouse liver tissue, SH-SY5Y cells

IHC: human brain tissue,

Background Information

TRPC1, also named as TRP1, belongs to the transient receptor family and TRP subfamily. TRPC1 is thought to form a receptor-activated non-selective calcium permeant cation channel. It has been reported that the mGluR1 evoked slow EPSC is mediated by the TRPC1 cation channel. It is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenyu Yang	36310238	Commun Biol	WB, IP
Shiji Huo	34836549	J Neuroinflammation	WB, IF
Schmid Evi E	23171960	Cell Physiol Biochem	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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