



[Go to Product page](#)

Datasheet for ABIN7120127
anti-TRPC4 antibody

Overview

Quantity:	100 µg
Target:	TRPC4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	transient receptor potential cation channel, subfamily C, member 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TRPC4
Alternative Name:	TRPC4 (TRPC4 Products)
Background:	Synonyms:HTrp 4, HTRP4, Trp related protein 4, TRP4, TRPC4 Background:Form a receptor-activated non-selective calcium permeant cation channel. Acts as a cell-cell contact-dependent endothelial calcium entry channel. Probably operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors.

Target Details

Mediates cation entry, with an enhanced permeability to barium over calcium. May also be activated by intracellular calcium store depletion.

Molecular Weight: 112 kDa

Gene ID: 7223

UniProt: [Q9UBN4](#)

Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months