

## Datasheet

### Trpv3 monoclonal antibody, clone S15-4

**Catalog Number:** MAB6666

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against synthetic peptide of Trpv3.

**Clone Name:** S15-4

**Immunogen:** A synthetic peptide corresponding to amino acids 458-474 (C-terminus) of rat Trpv3.

**Host:** Mouse

**Reactivity:** Human, Mouse, Rat

**Applications:** ICC, IF, IP, WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Detects ~70KDa.

**Form:** Liquid

**Isotype:** IgG2a

**Recommend Usage:** Western Blot (1-10 ug/mL)

Immunohistochemistry (0.1-1.0 ug/mL)

Immunocytochemistry (0.1-1.0 ug/mL)

Immunofluorescence (1.0-10 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 497948

**Gene Symbol:** Trpv3

**Gene Alias:** -

**References:**

1. Spontaneous Calcium Transients in Human Neural Progenitor Cells Mediated by Transient Receptor Potential Channels. Morgan PJ, Hubner R, Rolfs A, Frech MJ Stem Cells Dev. 2013 Apr 30.
2. Congenital long QT syndrome. Crotti L, Celano G, Dagradi F, Schwartz PJ. Orphanet J Rare Dis. 2008 Jul 7;3:18.
3. Ca(V)1.2 calcium channel dysfunction causes a multisystem disorder including arrhythmia and autism. Splawski I, Timothy KW, Sharpe LM, Decher N, Kumar P, Bloise R, Napolitano C, Schwartz PJ, Joseph RM, Condouris K, Tager-Flusberg H, Priori SG, Sanguinetti MC, Keating MT. Cell. 2004 Oct 1;119(1):19-31.