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GOAT ANTI-TRPC7 ANTIBODY

SKU: EB09257

SPECIFICATIONS

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

Unit Size 100 µg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

putative capacitative calcium channel|likley ortholog of mouse transient receptor potential cation channel, **Alias** subfamily C, member 7|TRP7|transient receptor potential cation channel, subfamily C, member 7|TRPC7 **Names**

Usage Immunoprecipitation: This antibody has been successfully used in IP on lysates of Chicken

Embryo Heart (Sabourin et al.; PMID: 21672930). Summary

Accession

NP_065122.1; NP_001161049.1; NP_001161048.1; NP_001363830.1

Blocking

EBP09257 **Peptide**

Peptide with sequence KLCKSKAKSCEND, from the internal region of the protein sequence according to **Immunogen**

NP_065122.1; NP_001161049.1; NP_001161048.1; NP_001363830.1.

Product This antibody is expected to cross-react with isoform 1, 2 and 3 (NP 065122.1; NP 001161049.1;

Comments NP_001161048.1).

Peptide

KLCKSKAKSCEND Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Cow

Species Reactive

Chicken, Mouse **Species**

Human

57113

Gene ID Mouse

26946 Gene ID

Rat Gene ID 282822

Product https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png Grade

> Goat Anti-TRPC7 Antibody https://everestbiotech.com/products/goat-anti-trpc7-antibody/





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ELISA

Detection Antibody detection limit dilution 1:32000.

Limit

Type

Western A 95kDa band was observed in Chicken Embryo Heart atrial and ventricular myocyte lysates (Sabourin et al.; Blot PMID 21672930). This antibody has been successfully used in WB on Mouse (Murtaza et al.; PMID: 32882106).

Application

Pep-ELISA, WB, IP

SELECTED REFERENCES

[{"pmid": 21672930, "intro": "This antibody has been successfully used in WB and IP on Chicken:", "title": "A key role of TRPC channels in the regulation \r\nof electromechanical activity of the developing heart.", "author": "Sabourin J, Robin E, Raddatz E.", "journal": "Cardiovasc Res. 2011 Jun 13. [Epub ahead of print]"}, {"pmid": 22692208, "intro": "This antibody has been successfully used in WB on Chicken:", "title": "Activation of Transient Receptor Potential Canonical 3 (TRPC3)-mediated Ca2+ Entry by A1 Adenosine Receptor in Cardiomyocytes Disturbs Atrioventricular Conduction.", "author": "Sabourin J, Antigny F, Robin E, Frieden M, Raddatz E.", "journal": "J Biol Chem. 2012 Aug 3;287(32):26688-701."}, {"pmid": 32882106, "intro": "This antibody has been successfully used in WB on Mouse:", "title": "Implication of TRPC3 channel in gustatory perception of dietary lipids", "author": "Babar Murtaza, Aziz Hichami, Amira S Khan, Jiri Plesnik, Omar Sery, Alexander Dietrich, Lutz Birnbaumer, Naim A Khan", "journal": "Acta Physiol (Oxf). 2020 Sep 3;e13554. doi: 10.1111/apha.13554."}]