Datasheet for ABIN7436141

anti-Anoctamin 6 antibody (AA 744-824)

12 Images

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Overview

Quantity:	100 µL
Target:	Anoctamin 6 (ANO6)
Binding Specificity:	AA 744-824
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Anoctamin 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Anoctamin 6 (ANO6)
Immunogen:	Recombinant Anoctamin 6 (ANO6) corresdonding to Ala744~Asn824 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ANO6. It has been selected for its ability to recognize ANO6 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

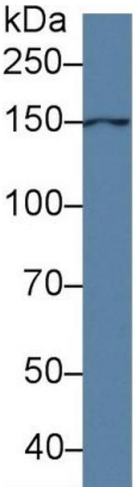
Target:	Anoctamin 6 (ANO6)
Alternative Name:	Anoctamin 6 (ANO6 Products)
Background:	TMEM16F, SCAN channel, Transmembrane Protein 16F, Small-conductance calcium-activated nonselective cation channel
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

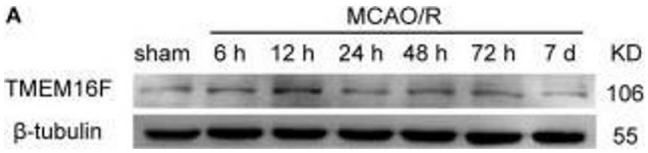
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



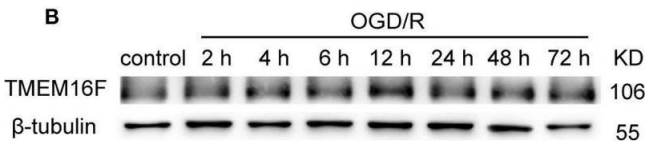
Western Blotting

Image 1. Detection of ANO6 in Porcine Liver lysate using Polyclonal Antibody to Anoctamin 6 (ANO6)



Western Blotting

Image 2. TMEM16F protein level increases after ischemic insult. (A) Western blot analysis and quantification of the protein level of TMEM16F in brain tissue around the penumbra after MCAO/R (n = 6, *P < 0.05). (B) Western blot analysis and quantification of the protein level of TMEM16F in cultured neurons after OGD/R treatment (n = 3, *P < 0.05). (C) Double immunofluorescence analysis was performed with TMEM16F antibodies (green) and a neuronal marker (NeuN, red) in brain sections. (p) represents the penumbra, and (c) represents the ischemic core. Nuclei were fluorescently labeled with DAPI (blue) (n = 6, **P < 0.01). In (A-C), mean values for the sham group were normalized to 1.0. Data are presented as mean ± SEM. Differences were calculated with ordinary one-way ANOVA for (A,B) and Student's t-tests for (C). - figure provided by CiteAb. Source: PMID32733436



Western Blotting

Image 3. TMEM16F protein level increases after ischemic insult. (A) Western blot analysis and quantification of the protein level of TMEM16F in brain tissue around the penumbra after MCAO/R (n = 6, *P < 0.05). (B) Western blot analysis and quantification of the protein level of TMEM16F in cultured neurons after OGD/R treatment (n = 3, *P < 0.05). (C) Double immunofluorescence analysis was performed with TMEM16F antibodies (green) and a neuronal marker (NeuN, red) in brain sections. (p) represents the penumbra, and (c) represents the ischemic core. Nuclei were fluorescently labeled with DAPI (blue) (n = 6, **P < 0.01). In (A-C), mean values for the sham group were normalized to 1.0. Data are presented as mean ± SEM. Differences were calculated with ordinary one-way ANOVA for (A,B) and Student's t-tests for (C). - figure provided by CiteAb. Source: PMID32733436

Please check the product details page for more images. Overall 12 images are available for ABIN7436141.