

Product Datasheet

DOG1/TMEM16A Antibody - BSA Free NBP1-60076-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-60076-100ul

DOG1/TMEM16A Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	111 kDa

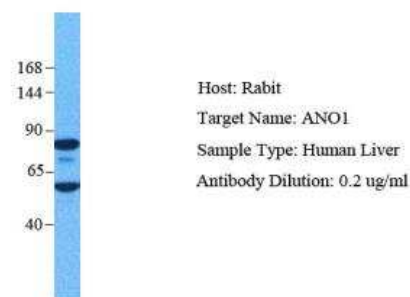
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	55107
Gene Symbol	ANO1
Species	Human
Immunogen	Synthetic peptides corresponding to DOG1/TMEM16A (transmembrane protein 16A) The peptide sequence was selected from the middle region of DOG1/TMEM16A (NP_060513). Peptide sequence HGFVNHTLSSFNVSDFQNGTAPNDPLDLGYEVQICRYKDYREPPWSENKY. The peptide sequence for this immunogen was taken from within the described region.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

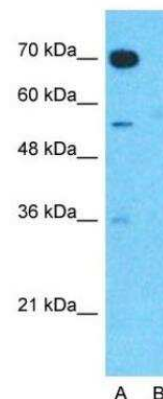


Images

Western Blot: DOG1/TMEM16A Antibody [NBP1-60076] - Human Liver
Antibody Dilution: 0.2 ug/ml.



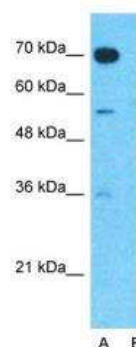
Western Blot: DOG1/TMEM16A Antibody [NBP1-60076] - Tissue:Human Fetal Muscle. Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide



Western Blot: DOG1/TMEM16A Antibody [NBP1-60076] - Human Muscle lysate, concentration 0.2-1 ug/ml.



Western Blot: DOG1/TMEM16A Antibody [NBP1-60076] - Sample Tissue: Human Fetal Muscle, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1 ug/ml, Peptide Concentration: 5ug/ml, Lysate Quantity: 25ug/lane/lane



Anti-TMEM16A Western Blot & Peptide Block Validation

Lot Number: QC13356

Lysate: Fetal Muscle

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml
Peptide Concentration: 5.0µg/ml
Lysate Quantity: 25µg/lane
Gel Concentration: 12%

Publications

Li RS, Wang Y, Chen HS et al. TMEM16A contributes to angiotensin II-induced cerebral vasoconstriction via the RhoA/ROCK signaling pathway. Mol Med Rep 2016-04-01 [PMID: 26955761]



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Products Related to NBP1-60076-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-29662PEP	DOG1/TMEM16A Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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