

Datasheet for ABIN6136903
anti-Anoctamin 2 antibody (AA 1-200)



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3 Images

Overview

Quantity:	100 µL
Target:	Anoctamin 2 (ANO2)
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Anoctamin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human ANO2 (NP_001265526.1).
Sequence:	MPEDIPLLPG SPRLSPQAG SRGGQGPKHG QQCLKMPGPR APGLQGGSNR DPGQPCGGES TRSSSVINNY LDANEPVSLE ARLSRMHFHD SQRKVDYVLA YHYRKRGVHL AQGFPGHSLA IVSNGETGKE PHAGGPGDIE LGPLDALEEE RKEQREEFEH NLMEAGLELE KDLENKSQGS IFVRIHAPWQ VLAREAEFLK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

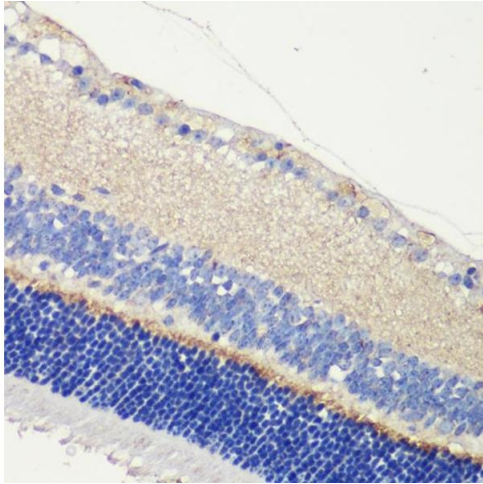
Target:	Anoctamin 2 (ANO2)
Alternative Name:	ANO2 (ANO2 Products)
Background:	ANO2 belongs to a family of calcium-activated chloride channels (CaCCs) (reviewed by Hartzell et al., 2009 [PubMed 19015192]).[supplied by OMIM, Jan 2011],ANO2,C12orf3,TMEM16B,Neuroscience,ANO2
Molecular Weight:	113 kDa
Gene ID:	57101
UniProt:	Q9NQ90

Application Details

Application Notes:	WB,1:1000 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

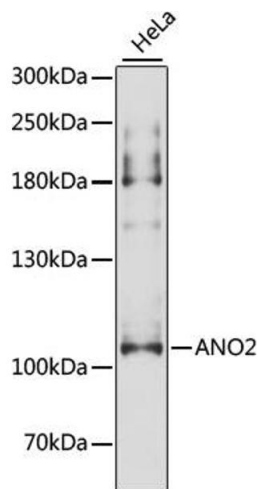
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.



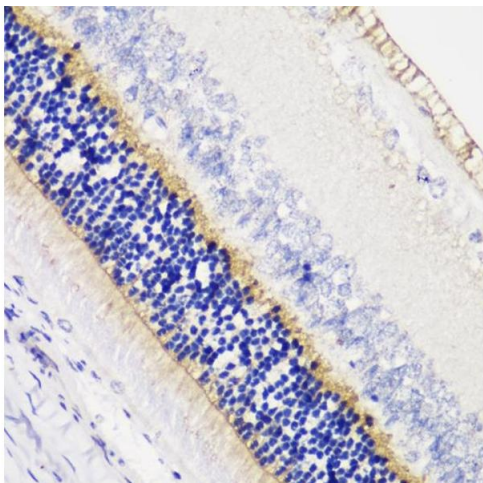
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse retina using antibody (ABIN6129704, ABIN6136903, ABIN6136905 and ABIN6216979) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of HeLa cells, using antibody (ABIN6129704, ABIN6136903, ABIN6136905 and ABIN6216979) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 20s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat retina using antibody (ABIN6129704, ABIN6136903, ABIN6136905 and ABIN6216979) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.