

anti- CNGA3 antibody

Product Information

Catalog No.:	FNab01796
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Visual signal transduction is mediated by a G-protein coupled cascade using cGMP as second messenger. This protein can be activated by cyclic GMP which leads to an opening of the cation channel and thereby causing a depolarization of cone photoreceptors. Induced a flickering channel gating, weakened the outward rectification in the presence of extracellular calcium, increased sensitivity for L-cis diltiazem and enhanced the cAMP efficacy of the channel when coexpressed with CNGB3(By similarity). Essential for the generation of light-evoked electrical responses in the red-, green-and blue sensitive cones.

Immunogen information

Immunogen:	cyclic nucleotide gated channel alpha 3
Synonyms:	CNCG3
Observed MW:	98 kDa
UniprotID :	Q16281

Application

Reactivity:	Human
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Wuhan Fine Biotech Co., Ltd.

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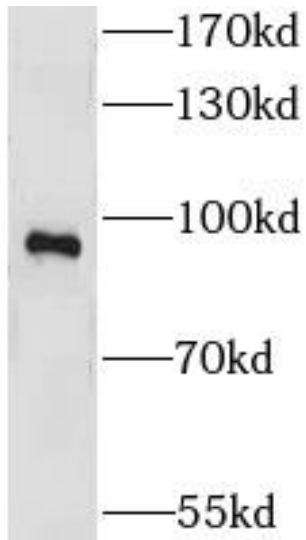
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab01796(CNGA3 antibody) at dilution of 1:600

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