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anti-Kir2.2 antibody (AA 360-409)





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Quantity:	100 μL
Target:	Kir2.2 (KCNJ12)
Binding Specificity:	AA 360-409
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Dog, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kir2.2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus [™]
Immunogen:	Synthetic peptide located between aa360-409 of human KCNJ12 (Q14500, NP_066292).
	Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Mouse, Rat,
	Hamster, Elephant, Panda, Dog, Horse, Guinea pig (100%), Galago, Bovine (92%), Platypus,
	Seabass (83%).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human KCNJ12 / Kir2.2
Purification:	Immunoaffinity purified

Target Details

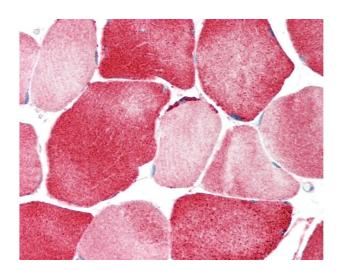
Target:	Kir2.2 (KCNJ12)
Alternative Name:	KCNJ12 / Kir2.2 (KCNJ12 Products)
Background:	Name/Gene ID: KCNJ12
	Subfamily: Potassium channel - inward-rectifying
	Family: Ion Channel
	Synonyms: KCNJ12, Kcnj12x, IRK2, Kir2.2, HIRK1, Hkir2.2x, IRK-2, HIRK, KCNJN1, Kir2.2v
Gene ID:	3768
NCBI Accession:	NP_066292

Application Details

Application Notes:	Approved: IHC, IHC-P (10 μg/mL), WB (0.2 - 1 μg/mL)
	Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP
	conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA
	titer in peptide based assay: 1:62500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long
	term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



Immunohistochemistry

Image 1. Anti-KCNJ12 / KIR2.2 antibody IHC staining of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated fo ...