antibodies - online.com







anti-OPRK1 antibody (AA 1-60)



Image



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Quantity: 100 µL Target: OPRK1 Binding Specificity: AA 1-60 Reactivity: Human Host: Rabbit Clonality: Polycional Conjugate: This OPRK1 antibody is un-conjugated Application: Western Blotting (WB) Product Details Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-60 of human OPRK1 (NP_000903.2). Sequence: MDSPIQIFRG EPGPTCAPSA CLPPNSSAWF PGWAEPDSNG SAGSEDAQLE PAHISPAIPV Isotype: IgG Cross-Reactivity: Human, Mouse, Rat Characteristics: Polyclonal Antibodies Target: OPRK1 Alternative Name: OPRK1 (OPRK1 Products)		
Binding Specificity: AA 1-60 Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This OPRK1 antibody is un-conjugated Application: Western Blotting (WB) Product Details Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-60 of human OPRK1 (NP_000903.2). Sequence: MDSPIQIFRG EPGPTCAPSA CLPPNSSAWF PGWAEPDSNG SAGSEDAQLE PAHISPAIPV Isotype: IgG Cross-Reactivity: Human, Mouse, Rat Characteristics: Polyclonal Antibodies Target Details Target: OPRK1	Quantity:	100 μL
Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This OPRK1 antibody is un-conjugated Application: Western Blotting (WB) Product Details Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-60 of human OPRK1 (NP_000903.2). Sequence: MDSPIQIFRG EPGPTCAPSA CLPPNSSAWF PGWAEPDSNG SAGSEDAQLE PAHISPAIPV Isotype: IgG Cross-Reactivity: Human, Mouse, Rat Characteristics: Polyclonal Antibodies Target Details Target: OPRK1	Target:	OPRK1
Host: Rabbit Clonality: Polyclonal Conjugate: This OPRK1 antibody is un-conjugated Application: Western Blotting (WB) Product Details Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-60 of human OPRK1 (NP_000903.2). Sequence: MDSPIQIFRG EPGPTCAPSA CLPPNSSAWF PGWAEPDSNG SAGSEDAQLE PAHISPAIPV Isotype: IgG Cross-Reactivity: Human, Mouse, Rat Characteristics: Polyclonal Antibodies Target Details Target: OPRK1	Binding Specificity:	AA 1-60
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Cross-Reactivity: Human, Mouse, Rat Characteristics: Polyclonal Antibodies Target Details Target: OPRK1	Sequence:	MDSPIQIFRG EPGPTCAPSA CLPPNSSAWF PGWAEPDSNG SAGSEDAQLE PAHISPAIPV
Characteristics: Polyclonal Antibodies Target Details Target: OPRK1	Isotype:	IgG
Target Details Target: OPRK1	Cross-Reactivity:	Human, Mouse, Rat
Target: OPRK1	Characteristics:	Polyclonal Antibodies
	Target Details	
Alternative Name: OPRK1 (OPRK1 Products)	Target:	OPRK1
	Alternative Name:	OPRK1 (OPRK1 Products)

Target Details

Background:

This gene encodes an opioid receptor, which is a member of the 7 transmembrane-spanning G protein-coupled receptor family. It functions as a receptor for endogenous ligands, as well as a receptor for various synthetic opioids. Ligand binding results in inhibition of adenylate cyclase activity and neurotransmitter release. This opioid receptor plays a role in the perception of pain and mediating the hypolocomotor, analgesic and aversive actions of synthetic opioids. Variations in this gene have also been associated with alcohol dependence and opiate addiction. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A recent study provided evidence for translational readthrough in this gene and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.,OPRK1,K-OR-1,KOR,KOR-1,OPRK,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,OPRK1

Molecular Weight: 33 kDa/42 kDa

Gene ID: 4986

UniProt: P41145

Application Details

Application Notes:	WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

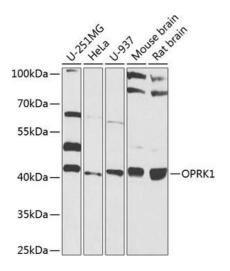
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide

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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using OPRK1 antibody (ABIN6129425, ABIN6145044, ABIN6145046 and ABIN6224320) at 1:1000 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 Basic Kit (RM00020).Exposure time: 15s.