

Datasheet for ABIN7139902

anti-OPRK1 antibody (AA 31-50) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	OPRK1
Binding Specificity:	AA 31-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPRK1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Peptide sequence from Human Kappa-type opioid receptor protein (31-50AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	OPRK1
Alternative Name:	OPRK1 (OPRK1 Products)
Background:	Background: G-protein coupled opioid receptor that functions as receptor for endogenous alpha-neoendorphins and dynorphins, but has low affinity for beta-endorphins. Also functions

Target Details

as receptor for various synthetic opioids and for the psychoactive diterpene salvinorin A. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling leads to the inhibition of adenylate cyclase activity. Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Plays a role in the perception of pain. Plays a role in mediating reduced physical activity upon treatment with synthetic opioids. Plays a role in the regulation of salivation in response to synthetic opioids. May play a role in arousal and regulation of autonomic and neuroendocrine functions. Aliases: K-OR-1 antibody, Kappa opioid receptor antibody, Kappa type opioid receptor antibody, Kappa-type opioid receptor antibody, KOR 1 antibody, KOR antibody, KOR-1 antibody, Opiate receptor kappa 1 antibody, Opiate receptor, kappa 1 antibody, Opioid receptor, kappa 1 antibody, OPRK 1 antibody, OPRK antibody, OPRK_HUMAN antibody, OPRK1 antibody, Oprk2 antibody, R21 antibody

UniProt: [P41145](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.