

Recombinant

DGRmAb®

Kappa Opioid Receptor (DGR11563) Rabbit mAb (PBS Only)

db11298-PBS

Package : 100µg

Product Name : Kappa Opioid Receptor (DGR11563) Rabbit mAb (PBS Only)**Cat.No.:** db11298-PBS**Synonyms** : KOR; R21; KOR-1; MSL-1; Oprk2; K-OR-1**Application** : WB, IHC-P, IP**Reactivity** : Mouse,Rat**Host species** : Rabbit**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 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. [provided by RefSeq, Jan 2016]

Immunogen

A synthetic peptide of mouse Kappa Opioid Receptor

Gene ID

18387

Swiss Prot

P33534

Synonyms

KOR; R21; KOR-1; MSL-1; Oprk2; K-OR-1

Reactivity

Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:100
IP: 1:50**Calculated MW**

43 kDa

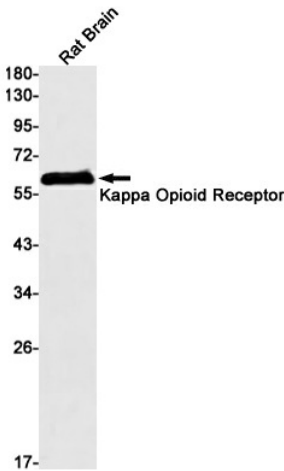
Observed MW

60 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR11563
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Kappa Opioid Receptor in Rat Brain lysates using Kappa Opioid Receptor antibody(1:1000 diluted).