

Rabbit OPRK1 Polyclonal Antibody | anti-OPRK1 antibody

OPRK1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311179	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

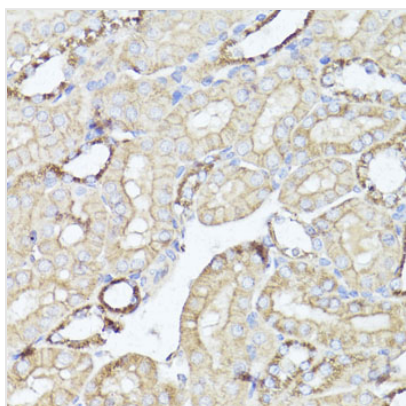
PRODUCT SYNONYMS

OPRK1; Polyclonal Antibody; OPRK1 Polyclonal Antibody; K-OR-1; KOR; KOR-1; OPRK; opioid receptor kappa 1; anti-OPRK1 antibody

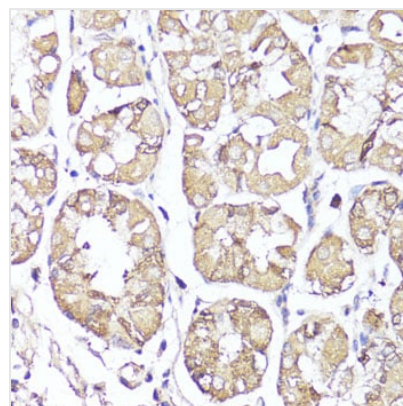
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-OPRK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic synthetic peptide of human OPRK1 (NP_000903.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

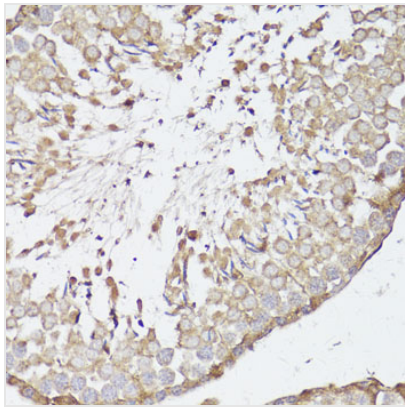
IMAGES


IHC (Immunohistochemistry)

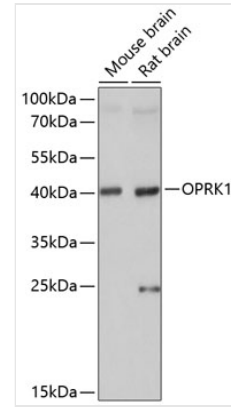
Immunohistochemistry of paraffin-embedded mouse kidney using OPRK1 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using OPRK1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat testis using OPRK1 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using OPRK1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OPRK1 antibody	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.
Product Categories/Family for anti-OPRK1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	39725940
NCBI GeneID	4986
NCBI Accession #	NP_000903.2
NCBI GenBank Nucleotide #	NM_000912.3
UniProt Accession #	P41145 ; Q499G4
Molecular Weight	42,645 Da
NCBI Official Full Name	kappa-type opioid receptor
NCBI Official Synonym Full Names	opioid receptor, kappa 1
NCBI Official Symbol	OPRK1
NCBI Official Synonym Symbols	KOR; OPRK
NCBI Protein Information	kappa-type opioid receptor; KOR-1; K-OR-1; kappa opioid receptor; Opiate receptor, kappa-1
UniProt Protein Name	Kappa-type opioid receptor
UniProt Gene Name	OPRK1
UniProt Synonym Gene Names	OPRK; K-OR-1; KOR-1
UniProt Entry Name	OPRK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

