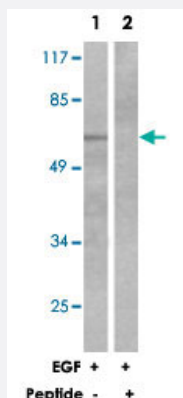


OPRM1 polyclonal antibody

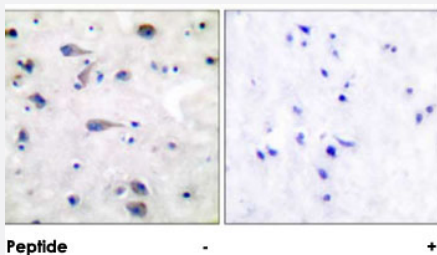
Catalog # PAB18103 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, treated with EGF (200 ng/mL, 30 mins), using OPRM1 polyclonal antibody (Cat # PAB18103). Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using OPRM1 polyclonal antibody (Cat # PAB18103). Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of OPRM1.
Immunogen	A synthetic peptide corresponding to human OPRM1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to OPRM1.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, treated with EGF (200 ng/mL, 30 mins), using OPRM1 polyclonal antibody (Cat # PAB18103).

Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using OPRM1 polyclonal antibody (Cat # PAB18103).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — OPRM1

Entrez GeneID	4988
Protein Accession#	P35372
Gene Name	OPRM1
Gene Alias	KIAA0403, MOR, MOR1, OPRM
Gene Description	opioid receptor, mu 1
Omim ID	600018 600669
Gene Ontology	Hyperlink

Gene Summary

O

Other Designations

mu opiate receptor

Publication Reference

- [Chemokine fractalkine/CX3CL1 negatively modulates active glutamatergic synapses in rat hippocampal neurons.](#)

Ragozzino D, Di Angelantonio S, Trettel F, Bertollini C, Maggi L, Gross C, Charo IF, Limatola C, Eusebi F.

Journal of Neuroscience 2006 Oct; 26(41):10488.

- [Oxytocin and vasopressin V1a and V2 receptors form constitutive homo- and heterodimers during biosynthesis.](#)

Terrillon S, Durroux T, Mouillac B, Breit A, Ayoub MA, Taulan M, Jockers R, Barberis C, Bouvier M.

Molecular Endocrinology 2003 Apr; 17(4):677.

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Appetite](#)
- [Arousal](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Bulimia](#)
- [Child Behavior Disorders](#)
- [Choice Behavior](#)
- [Chronic Disease](#)
- [Cocaine-Related Disorders](#)
- [Cognitive Therapy](#)
- [Confusion](#)
- [Crohn Disease](#)
- [Cues](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Foot](#)
- [Diabetic Neuropathies](#)
- [Disease Models](#)
- [Ductus Arteriosus](#)
- [Dyskinesia](#)
- [Epilepsy](#)
- [Fibromyalgia](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [Heroin Dependence](#)
- [Hyperalgesia](#)
- [Hyperparathyroidism](#)
- [Infant](#)

- [Inhibition \(Psychology\)](#)
- [Insulin Resistance](#)
- [Ischemia](#)
- [Kidney Failure](#)
- [Leiomyoma](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Memory](#)
- [Mental Disorders](#)
- [NARP](#)
- [Nausea](#)
- [Neoplasms](#)
- [Neuroblastoma](#)
- [Obesity](#)
- [Opioid-Related Disorders](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Pain Threshold](#)
- [Parkinson disease](#)
- [Perception](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Nausea and Vomiting](#)
- [Pruritus](#)
- [Psychiatric Status Rating Scales](#)
- [Psychoses](#)
- [Psychotic Disorders](#)

- [Puberty](#)
- [Pulmonary Disease](#)
- [Reaction Time](#)
- [Recurrence](#)
- [Reinforcement \(Psychology\)](#)
- [Reward](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Startle Reaction](#)
- [Stress](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Taste](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Werner syndrome](#)