

OPRM1 Polyclonal Antibody

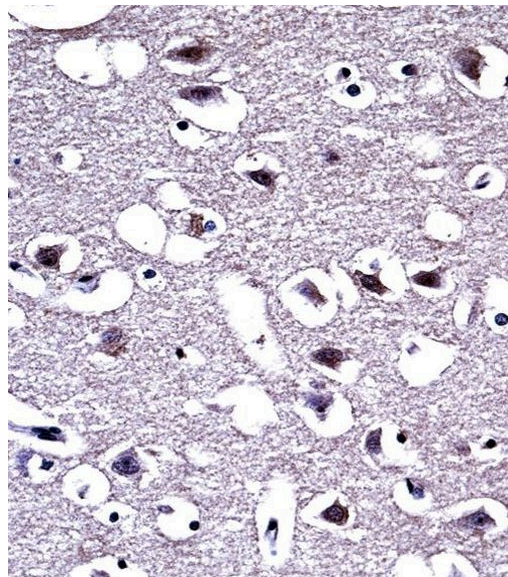
Product Details	
Size	400 µL
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Rabbit / Ig
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated synthetic peptide between 161-187 amino acids from the central region of human OPRM1
Form	Liquid
Concentration	0.4 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2543638

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50	-
Flow Cytometry (Flow)	1:10-1:50	-
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

This antibody is predicted to react with porcine, non-human primate and rat based on sequence homology.

Product Images For OPRM1 Polyclonal Antibody

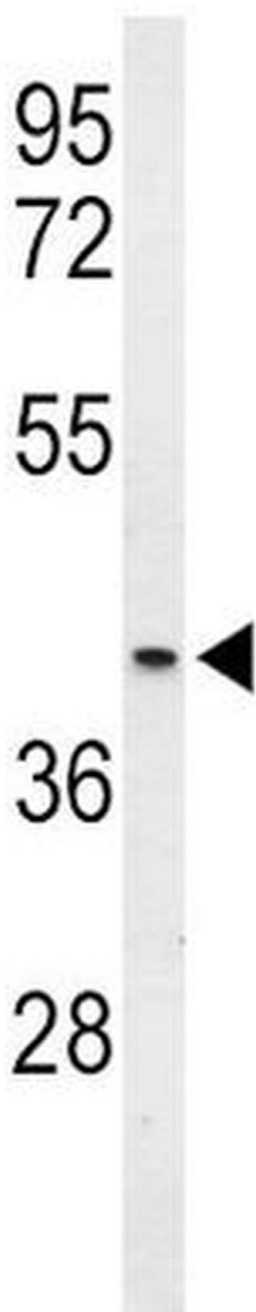


OPRM1 Antibody (PA5-26138) in IHC (P)

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded human brain tissue using an OPRM1 polyclonal antibody (Product # PA5-26138), followed by HRP-conjugated secondary antibody and DAB staining.

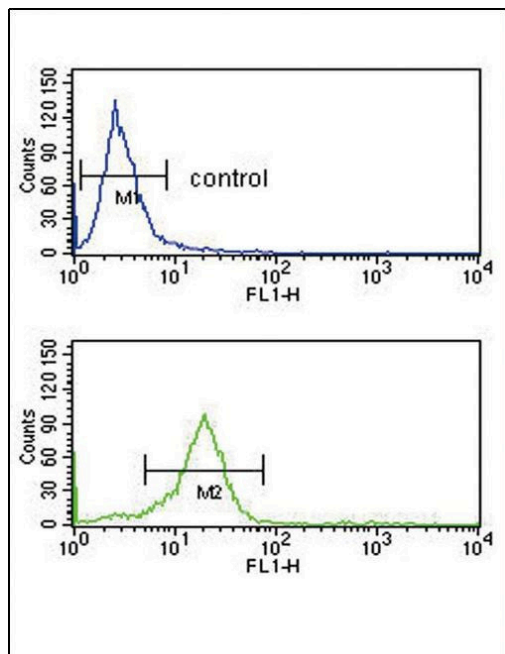
OPRM1 Antibody (PA5-26138) in WB

Western blot analysis using an OPRM1 polyclonal antibody (Product # PA5-26138) in mouse heart tissue lysates (35 µg per lane).



OPRM1 Antibody (PA5-26138) in Flow

Flow cytometry analysis of K562 cells using an OPRM1 polyclonal antibody (Product # PA5-26138) (bottom) compared to a negative control cell (top) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody



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Western Blot (1)

Journal of cancer research and clinical oncology	Year 2022
D,L-Methadone enhances the cytotoxic activity of standard chemotherapeutic agents on pediatric rhabdomyosarcoma.	Species Human
"PA5-26138 was used in Western Blot to investigate if D,L-methadone in combination with cytotoxic drugs (doxorubicin /carboplatin/vincristine) influences the cell viability, migration, apoptosis induction, and signaling pathway in pediatric rhabdomyosarcoma cell lines."	Dilution 1:200
Authors: Urla C,Corteletti I,Raible AS,Handgretinger R,Fuchs J,Warmann SW,Schmid E	

Immunohistochemistry (1)

Experimental dermatology	Year 2018
Methadone-Not a magic bullet in melanoma therapy.	
"Published figure using OPRM1 polyclonal antibody (Product # PA5-26138) in Immunohistochemistry"	
Authors: Brüggen MC,Mangana J,Irmisch A,French LE,Levesque MP,Cheng PF,Dummer R	

Immunoprecipitation (1)

American journal of translational research	Year 2021
Inhibition of mu-opioid receptor suppresses proliferation of hepatocellular carcinoma cells via CD147-p53-MAPK cascade signaling pathway.	Species Human
"PA5-26138 was used in Immunoprecipitation to investigate the role of muopioid receptor (MOR) in the proliferation of Hepatocellular carcinoma (HCC) cell lines and the underlying mechanism."	
Authors: Zhang JJ,Song CG,Dai JM,Zhang XQ,Lin P,Li L,Yang XM,Chen ZN	

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