

产品名称: Phospho-kappa Opioid Receptor (Ser369) Rabbit Polyclonal Antibody
产品货号: APRab00834



产品概述 (Summary)

产品名称 (Production Name)	Phospho-kappa Opioid Receptor (Ser369) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	OPRK1
别名 (Alternative Names)	OPRK1; OPRK; Kappa-type opioid receptor; K-OR-1; KOR-1
基因 ID (Gene ID)	4986
蛋白 ID (SwissProt ID)	P41145.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	Calculated MW: 43 kDa; Observed MW: 43 kDa

研究背景 (Background)

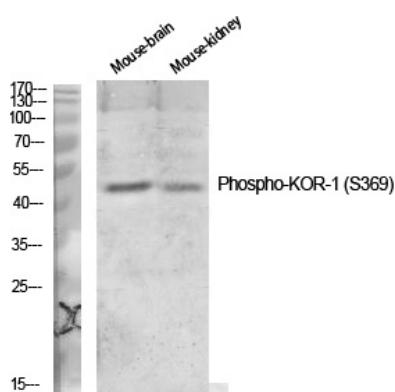
产品名称: Phospho-kappa Opioid Receptor (Ser369) Rabbit Polyclonal Antibody
产品货号: APRab00834

Endogenous opioid peptides and opiates, like morphine, transmit their pharmacological effects through membrane bound opioid receptors. Pharmacological studies and molecular cloning have led to the identification of three different types of opioid receptor, mu-type, delta-type and kappa-type, also designated MOR-1, DOR-1 and KOR-1, respectively. MOR-1 is a receptor for beta-endorphin, DOR-1 is a receptor for enkephalins, and KOR-1 is a receptor for dynorphins. The three opioid receptor types are highly homologous and belong to the superfamily of G-protein-coupled receptors. Opioid receptors have been shown to modulate a range of brain functions, including instinctive behavior and emotions. This regulation is thought to involve the inhibition of neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance.

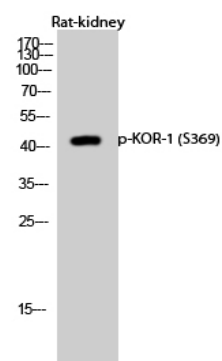
研究领域 (Research Area)

Neuroscience

图片 (Image Data)

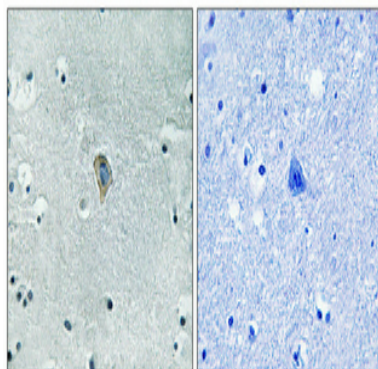


Western blot analysis of Phospho-kappa Opioid Receptor (Ser369) in various lysates using Phospho-kappa Opioid Receptor (Ser369) antibody.

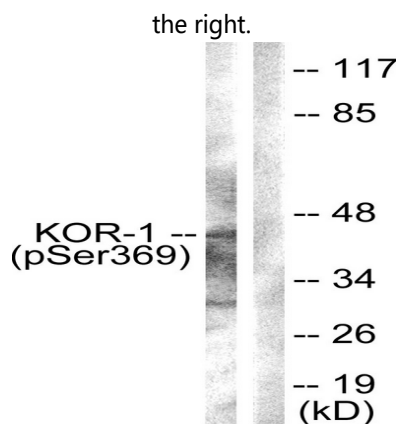


Western blot analysis of Phospho-kappa Opioid Receptor (Ser369) in rat kidney lysates using Phospho-KOR1 (S369) antibody.

产品名称: Phospho-kappa Opioid Receptor (Ser369) Rabbit
Polyclonal Antibody
产品货号: APRab00834



Immunohistochemistry analysis of paraffin-embedded Human brain using Phospho-kappa Opioid Receptor (Ser369) antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-kappa Opioid Receptor (Ser369) in NIH/3T3 lysates using Phospho-kappa Opioid Receptor (Ser369) antibody. The lane on the right is blocked with the Phospho- peptide.

注意事项 (Note)

For research use only .