

SIGMAR1 (19C10) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00920

Product information

产品货号	HZ-YMA00920
别名	OPRS1;SRBP;AAG8
产品名称	SIGMAR1 (19C10) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	SIGMAR1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	10280
Human Swissprot No.	Q99720
稀释度	IHC-P 1:200-1:1000, WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:500-1:20000, IP 1:50-1:200
参考分子量	25kDa
预测分子量	25kDa
运输及保存条件	Biological ice bag transportation. Store at -20℃ for at least 12 months(Do not lower than -25℃). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	This gene encodes a receptor protein that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Mutations in this gene has been associated with juvenile amyotrophic lateral sclerosis 16. Alternative splicing of this gene results in transcript variants encoding distinct isoforms. [provided by RefSeq, Aug 2013],
细胞定位	Nucleus inner membrane . Nucleus outer membrane . Nucleus envelope . Cytoplasmic vesicle . Endoplasmic reticulum membrane . Membrane ; Single-pass membrane protein . Lipid droplet . Cell junction. Cell membrane . Cell projection, growth cone. Cell junction, synapse, postsynaptic density membrane . During interphase, detected at the inner and outer nuclear membrane and the endoplasmic reticulum. Detected on cytoplasmic vesicles during mitosis (PubMed:10406945). Targeted to lipid droplets, cholesterol and galactosylceramide-enriched domains of the endoplasmic reticulum. Accumulation at the endoplasmic reticulum is prominent in alpha-motor neurons of patients with amyotrophic lateral sclerosis (PubMed:23314020). Enriched at cell-cell communication regions, growth cone and postsynaptic structures. Localization is modulated by ligand-binding. In motor neurons it is enriched at cholinergic postsynaptic densities (By similarity). .
纯化	Protein A
Clonality	Monoclonal