

SIGMAR1 Polyclonal Antibody

Catalog No. E-AB-14664

Note: Centrifuge before opening to ensure complete recovery of vial contents.

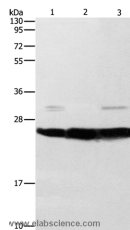
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human SIGMAR1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

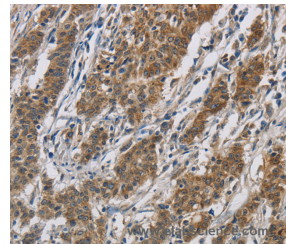
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300

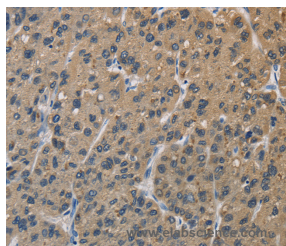
Data



Western Blot analysis of Mouse liver and brain tissue, A549 cell using SIGMAR1 Polyclonal Antibody at dilution of 1:310
Calculated Mw:25kDa



Immunohistochemistry of paraffin-embedded Human gastric cancer using SIGMAR1 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human liver cancer using SIGMAR1 Polyclonal Antibody at dilution of 1:50

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

Background

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.