

SIGMAR1 Polyclonal Antibody

catalog number: E-AB-67666

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

Description

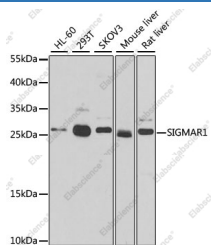
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human SIGMAR1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:200

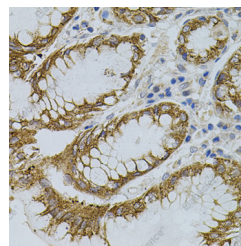
Data



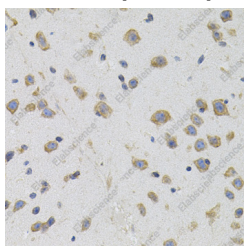
Western blot analysis of extracts of various cell lines using SIGMAR1 Polyclonal Antibody at dilution of 1:500.

Observed-MW:25 kDa

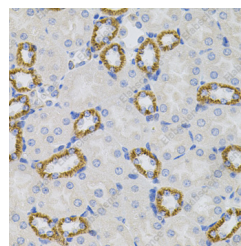
Calculated-MW:11 kDa/21 kDa/22 kDa/25 kDa



Immunohistochemistry of paraffin-embedded Human stomach using SIGMAR1 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded Mouse brain using SIGMAR1 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded Mouse kidney using SIGMAR1 Polyclonal Antibody

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.8

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.