

SIGMAR1 Polyclonal Antibody

catalog number: E-AB-90969

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

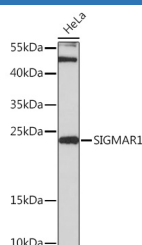
Description

Reactivity	Human; Rat
Immunogen	Recombinant fusion protein of human SIGMAR1
Host	Rabbit
Isotype	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
-----------	--------------

Data



Western blot analysis of extracts of HeLa cells using
SIGMAR1 Polyclonal Antibody at 1:3000 dilution.

Observed-MW: 25 kDa

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

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

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.

For Research Use Only