003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

# SIGMAR1 Polyclonal Antibody

**Cat #:** G-AB-00766

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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.

**Gene ID:**

**Accession #:** BC004899

**Immunogen:** Recombinant protein of human SIGMAR1

**Conjugation:** Unconjugated

**Swissprot:** Q99720

**Calculated Molecular Weight:** 25 kDa

**Observed Molecular Weight:**

**Concentration:** 0.4 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC,ELISA

**Dilution:** WB 1:500-1:2000, IHC 1:100-1:300

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