

Product datasheet for TA360816

OriGene Technologies, Inc.

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Sigma1 receptor (SIGMAR1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human

SIGMAR1

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 24 kDa

Gene Name: sigma non-opioid intracellular receptor 1

Database Link: <u>NP 001269134.1</u>

Entrez Gene 10280 Human

Q99720

Sigma1 receptor (SIGMAR1) Rabbit Polyclonal Antibody - TA360816

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

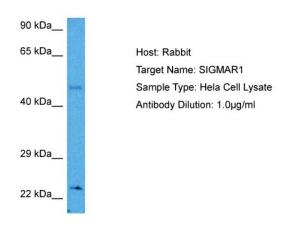
distinct isoforms.

Synonyms: FLJ25585; hSigmaR1; MGC3851; OPRS1; SIG-1R; Sigma1-receptor; Sigma1R; SR-BP; SR-BP1;

SRBP

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Host: Rabbit

Target Name: SIGMAR1

Sample Tissue: Human Hela Whole Cell lysates

Antibody Dilution: 1ug/ml