

DNAxPAb

Hard-to-Find
Antibody

SIGMAR1 DNAxPab

Catalog # H00010280-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SIGMAR1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQWAVGRRWAWAALLLAVAAVL TQVVWLWLGTQSFVFQREEIAQLARQYAGLDHELAFSRLIVE LRR LHPGHVLPDEELQWVFNAGGWMGAMCLLHASLSEYVLLFGTALGSRGHSGRYWAEISDTII SGTFHQWREGTTKSEVFYPGETTVVHGPGEATAVEWGPNTWMVEYGRGVIPSTLAFALADTVFST QDFLTLFYTLRSYARGLRLELTTYLFGQDP
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SIGMAR1

Entrez GeneID [10280](#)

GeneBank Accession# [NM_005866.2](#)

Protein Accession# [NP_005857.1](#)

Gene Name SIGMAR1

Gene Alias FLJ25585, MGC3851, OPRS1, SR-BP1

Gene Description sigma non-opioid intracellular receptor 1

Omim ID [601978](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Alternative splicing of this gene results in transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000000515|OTTHUMP00000000516|OTTHUMP00000000517|OTTHUMP00000021286|SR31747 binding protein 1|aging-associated gene 8 protein|opioid receptor, sigma 1|sigma 1 receptor|type I sigma receptor

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cognition](#)
- [Cognition Disorders](#)

- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
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- [Neuropsychological Tests](#)
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