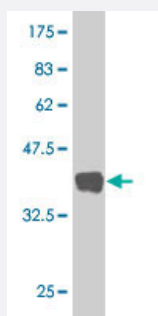


HINT1 polyclonal antibody (A01)

Catalog # H00003094-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (33.59 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HINT1.
Immunogen	HINT1 (NP_005331, 59 a.a. ~ 126 a.a) partial recombinant protein with GST tag.
Sequence	HISQISVAEDDDDESLGHLMMVGKKCAADLGLNKGYRMVVNEGSDGGQSVYHVHLHVLGGRQMH WPPG
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.59 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HINT1

Entrez GeneID	3094
GeneBank Accession#	NM_005340
Protein Accession#	NP_005331
Gene Name	HINT1
Gene Alias	FLJ30414, FLJ32340, HINT, PKCI-1, PRKCNH1
Gene Description	histidine triad nucleotide binding protein 1
Omim ID	601314
Gene Ontology	Hyperlink
Other Designations	protein kinase C inhibitor 1

Publication Reference

- [HINT1 protein: A new therapeutic target to enhance opioid antinociception and block mechanical allodynia.](#)

Garzon J, Herrero-Labrador R, Rodriguez-Munoz M, Shah R, Vicente-Sanchez A, Wagner CR, Sanchez-Blazquez P.
Neuropharmacology 2015 Feb; 89:412.

Application: WB, Mouse, Mesencephalic Periaqueductal Grey Matter

- [HINT1 protein cooperates with cannabinoid 1 receptor to negatively regulate glutamate NMDA receptor activity.](#)

Vicente-Sanchez A, Sanchez-Blazquez P, Rodriguez-Munoz M, Garzon J.
Molecular Brain 2013 Oct; 6(1):42.

Application: WB-Ce, WB-Tr, Mouse, Cortical cell

- [The histidine triad nucleotide-binding protein 1 supports mu-opioid receptor-glutamate NMDA receptor cross-regulation.](#)

Rodriguez-Munoz M, Ssnchez-Blazquez P, Vicente-Sanchez A, Bailon C, Martin-Aznar B, Garzon J.

Cell Mol Life Sci 2010 Dec; 68:2933.

Application: WB-Ti, Mouse, Cerebral cortex

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Chromosome Deletion](#)
- [Genetic Predisposition to Disease](#)
- [Myelodysplastic Syndromes](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)