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Datasheet for ABIN516451

anti-HINT1 antibody (AA 59-126)

1 Image

2 Publications

Overview

Quantity:	50 µL
Target:	HINT1
Binding Specificity:	AA 59-126
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This HINT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	HISQISVAED DDESLLGHLM IVGKKCAADL GLNKGYRMVV NEGSDGGQSV YHVHLHVLGG RQMHWPPG
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HINT1
Alternative Name:	HINT1 (HINT1 Products)

Target Details

Background:	Full Gene Name: histidine triad nucleotide binding protein 1 Synonyms: FLJ30414,FLJ32340,HINT,PKCI-1,PRKCNH1
Gene ID:	3094
NCBI Accession:	NM_005340

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

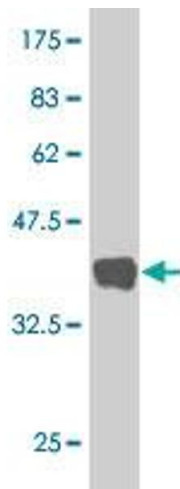
Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Vicente-Sánchez, Sánchez-Blázquez, Rodríguez-Muñoz, Garzón: "HINT1 protein cooperates with cannabinoid 1 receptor to negatively regulate glutamate NMDA receptor activity." in: **Molecular brain**, Vol. 6, Issue 1, pp. 42, (2013) ([PubMed](#)).

Rodríguez-Muñoz, Sánchez-Blázquez, Vicente-Sánchez, Bailón, Martín-Aznar, Garzón: "The histidine triad nucleotide-binding protein 1 supports mu-opioid receptor-glutamate NMDA receptor cross-regulation." in: **Cellular and molecular life sciences : CMLS**, Vol. 68, Issue 17, pp. 2933-49, (2011) ([PubMed](#)).



Western Blotting

Image 1. Western Blot detection against Immunogen (33.59 kDa) .