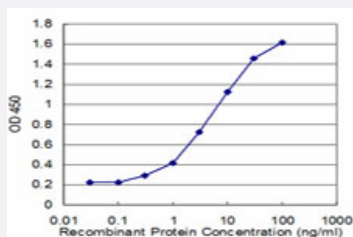


CHP monoclonal antibody (M02), clone S2

Catalog # H00011261-M02

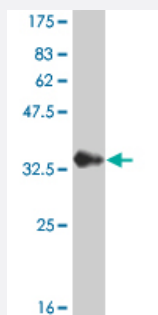
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHP is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (33 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant CHP.

Immunogen

CHP (AAH08373, 1 a.a. ~ 66 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MESHSVTQAGVQWRDLGSLQPLPPGFKQFSHLSPSSWDYRRVPPYLGNFICIFSGEGVSPCWP
GWS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33 KDa) .
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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHP is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHP

Entrez GeneID	11261
GeneBank Accession#	BC008373
Protein Accession#	AAH08373
Gene Name	CHP
Gene Alias	SLC9A1BP
Gene Description	calcium binding protein P22
Omim ID	606988
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a phosphoprotein that binds to the Na⁺/H⁺ exchanger NHE1. This protein serves as an essential cofactor which supports the physiological activity of NHE family members and may play a role in the mitogenic regulation of NHE1. The protein shares similarity with calcineurin B and calmodulin and it is also known to be an endogenous inhibitor of calcineurin activity. [provided by RefSeq]

Other Designations

SLC9A1 binding protein|calcineurin B homolog|calcineurin homologous protein

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Calcium signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)