



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SPAST monoclonal antibody (M01), clone 3A12

Catalog # : H00006683-M01

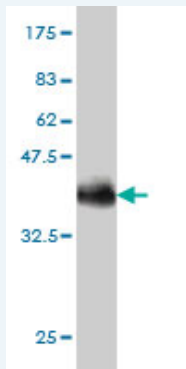
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant SPAST.
Immunogen:	SPAST (NP_055761, 200 a.a. ~ 304 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PVLPFSKSQTDVYNDSTNLACRNGHLQSESGAVPKRKDPLTHTSNLPR SKTVMKTGSAGLSGHHRAPSYSGLSMVSGVKQGSGPAPTTTHKGTPKTN RTNKPSTP
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.29 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

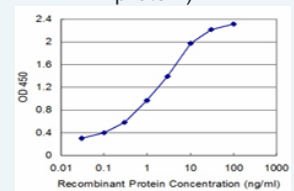
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

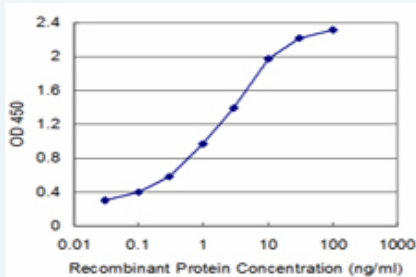
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)




[enlarge](#)

ELISA



Detection limit for recombinant GST tagged SPAST is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6683](#)

GeneBank [NM_014946](#)

Accession#:

Protein [NP_055761](#)

Accession#:

Gene Name: SPAST

Gene Alias: ADPSP,FSP2,KIAA1083,SPG4

Gene spastin

Description:

Omim ID: [182601](#), [604277](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the AAA (ATPases associated with a variety of cellular activities) protein family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. The encoded ATPase may be involved in the assembly or function of nuclear protein complexes. Two transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their full length sequences have not been determined. Mutations associated with this gene cause the most frequent form of autosomal dominant spastic paraplegia 4. [provided by RefSeq]

Other Designations: OTTHUMP00000158570,spastic paraplegia 4 (autosomal dominant; spastin)

Related Disease

[Disease Progression](#) [Disease Susceptibility](#) [Genetic Predisposition to Disease](#)
[HIV Infections](#) [Multiple Sclerosis](#) [Obesity](#) [Ovarian Failure, Premature](#)
[Polycystic Ovary Syndrome](#) [Puberty, Delayed](#) [Puberty, Precocious](#)
[Spastic Paraplegia, Hereditary](#) [Thrombophilia](#) [Tobacco Use Disorder](#)