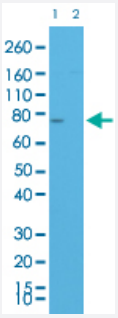
RecomAb™

SPAST monoclonal antibody, clone RM346

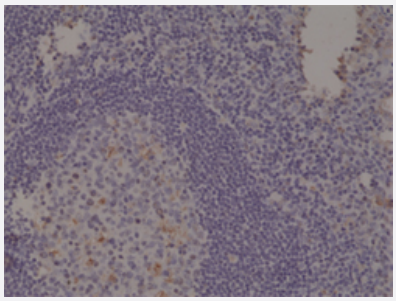
Catalog # MAB21987 Size 100 uL

Applications



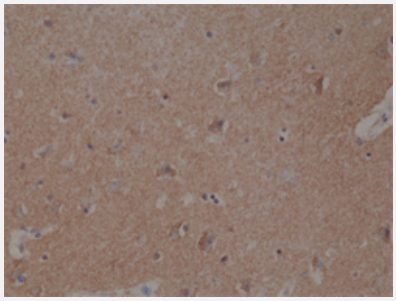
Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of HeLa cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human brain.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SPAST.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to N-terminus of human SPAST.
Reactivity	Human
Specificity	This antibody reacts to human Spastin.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1000) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blot (Cell lysate) analysis of HeLa cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human tonsil.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human brain.

Gene Info — SPAST

Entrez GeneID	6683
Gene Name	SPAST
Gene Alias	ADPSP, FSP2, KIAA1083, SPG4

Gene Description	spastin
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 divers e cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, pr otein 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 identif ied for this gene. Other alternative splice variants have been described but their full length sequen ces 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)

Disease

- Disease Progression
- Disease Susceptibility
- Genetic Predisposition to Disease
- HIV Infections
- Multiple Sclerosis
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Spastic Paraplegia
- Thrombophilia
- Tobacco Use Disorder