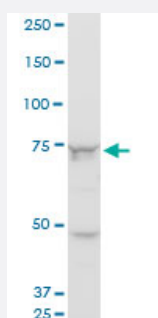


SETX monoclonal antibody (M05), clone 2A9

Catalog # H00023064-M05

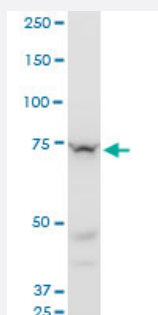
Size 100 ug

Applications



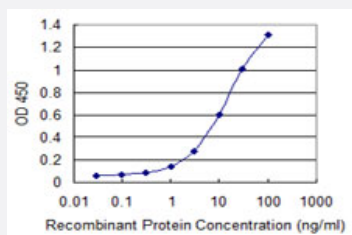
Western Blot (Cell lysate)

SETX monoclonal antibody (M05), clone 2A9. Western Blot analysis of SETX expression in NIH/3T3(Cat # L018V1).



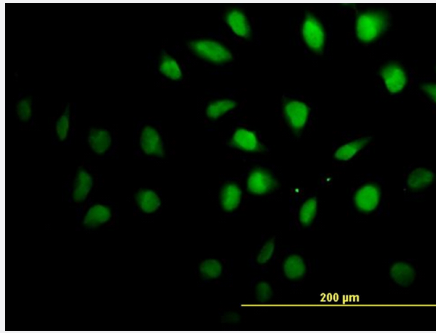
Western Blot (Cell lysate)

SETX monoclonal antibody (M05), clone 2A9. Western Blot analysis of SETX expression in PC-12(Cat # L012V1).



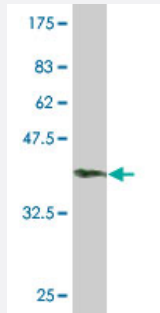
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to SETX on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SETX.
Immunogen	SETX (NP_055861.2, 2579 a.a. ~ 2676 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VVHQDLSHIQQPAAVVAALSSHKPPVRGEPPEASTCQSKCDDPEEELCHRREARAFSEG EQEKCGSETHHTRRNSRWDKRTLQEDSSSKRKRL
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (50); Rat (47)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 (Cell lysate)

SETX monoclonal antibody (M05), clone 2A9. Western Blot analysis of SETX expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

SETX monoclonal antibody (M05), clone 2A9. Western Blot analysis of SETX expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SETX on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SETX

Entrez GeneID	23064
GeneBank Accession#	NM_015046
Protein Accession#	NP_055861.2
Gene Name	SETX
Gene Alias	ALS4, AOA2, DKFZp781B151, FLJ12840, FLJ43459, KIAA0625, SCAR1, bA479K20.2
Gene Description	senataxin
Omim ID	602433 606002 608465
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein named for its homology to the Sen1p protein of fungi which has RNA helicase activity encoded by a domain at the C-terminal end of the protein. The protein encoded by this gene contains a DNA/RNA helicase domain at its C-terminal end which suggests that it may be involved in both DNA and RNA processing. Mutations in this gene have been associated with ataxia-ocular apraxia-2 (AOA2) and an autosomal dominant form of juvenile amyotrophic lateral sclerosis (ALS4). [provided by RefSeq]

Other Designations

OTTHUMP00000064564

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)