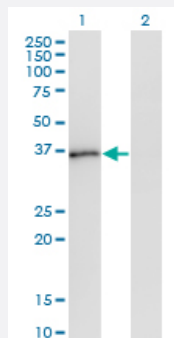


PQBP1 monoclonal antibody (M01), clone 1A11

Catalog # H00010084-M01

Size 100 ug

Applications

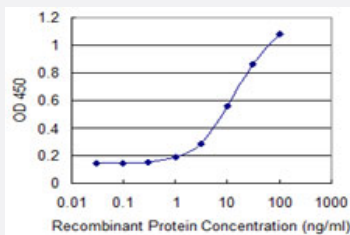


Western Blot (Transfected lysate)

Western Blot analysis of PQBP1 expression in transfected 293T cell line by PQBP1 monoclonal antibody (M01), clone 1A11.

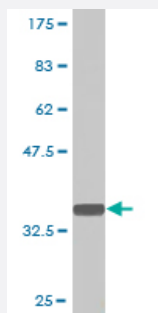
Lane 1: PQBP1 transfected lysate (30.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PQBP1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.76 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PQBP1.

Immunogen	PQBP1 (NP_005701, 184 a.a. ~ 265 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LAPYPKSKKAVSRKDEELDPMDPSSYS DAPRGTWSTGLPKRNEAKTGADTTAAGPLFQQRYPYSPGAVLRANAEASRTKQQD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.76 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 (Transfected lysate)

Western Blot analysis of PQBP1 expression in transfected 293T cell line by PQBP1 monoclonal antibody (M01), clone 1A11.

Lane 1: PQBP1 transfected lysate(30.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PQBP1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PQBP1

Entrez GeneID	10084
GeneBank Accession#	NM_005710
Protein Accession#	NP_005701
Gene Name	PQBP1
Gene Alias	MRX55, MRXS3, MRXS8, NPW38, RENS1, SHS
Gene Description	polyglutamine binding protein 1
Omim ID	300463 309500
Gene Ontology	Hyperlink
Gene Summary	PQBP1 is a nuclear polyglutamine-binding protein that contains a WW domain (Waragai et al., 1999 [PubMed 10332029]).[supplied by OMIM]
Other Designations	OTTHUMP00000025808 nuclear protein containing WW domain 38 kD

Publication Reference

- [RNA and protein interactors with TDP-43 in human spinal cord lysates in ALS.](#)

Volkening K, Keller B, Leysta-Lantz C, Strong MJ.

Journal of Proteome Research 2018 Apr; 17(4):1712.

Application: WB, Human, HEK293T cells, lumbar spinal cord lysates