

For Research Use Only

ZMYND8 Recombinant monoclonal antibody

Catalog Number: 86901-1-RR



Basic Information

Catalog Number: 86901-1-RR	GenBank Accession Number: BC030721	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 23613	CloneNo.: 251489A6
Isotype: IgG	UNIPROT ID: Q9ULU4	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: AG2207	Full Name: zinc finger, MYND-type containing 8	
	Calculated MW: 1186 aa, 132 kDa	
	Observed MW: 150-170 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : MCF-7 cells, HT-1080 cells
Species Specificity: human	IF/ICC : A431 cells,

Background Information

Regulation of neuronal gene expression is essential to nervous system development. REST (RE1-silencing transcription factor) regulates neuronal gene expression by interacting with a group of corepressor proteins, including REST corepressors (RCOR). ZMYND8 binds to RCOR2 and can function as a transcriptional repressor. It is co-expressed with RCOR2 in the nervous system, and overexpression of ZMYND8 inhibits neural differentiation. [PMID:20331974]

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

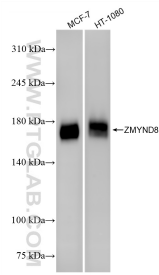
T: 4006900926

E: Proteintech-CN@ptglab.com

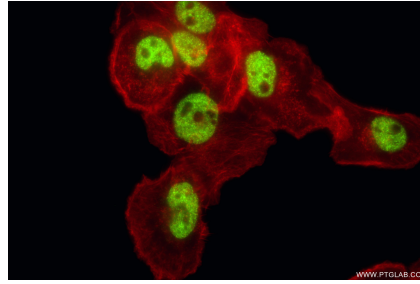
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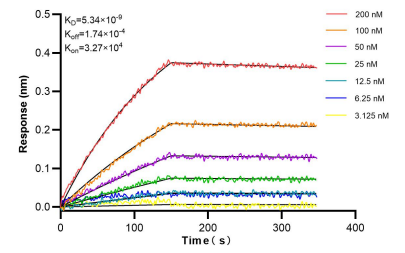
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86901-1-RR (ZMYND8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ZMYND8 antibody (86901-1-RR, Clone: 251489A6) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 86901-1-RR against Human ZMYND8 were performed. The affinity constant is 5.34 nM.