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Anti-TDP43 Rabbit mAb [02A16]

Catalog No.: A52339

Basic Information

Catalog No. (Cat.No.)	A52339
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	TDP43,TDP-43,TDP-43,ALS4,TAR DNA binding protein

Product Information

Target	TDP43
Molecular Weight(Calculated)	45 kDa
Molecular Weight(Observed)	45 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	02A16
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	TAR DNA-binding protein-43
Gene Name	*TARDBP*
Domain	NA
Background	TARDBP (TDP-43) is RNA-binding protein regulating RNA splicing, trafficking and transcript stability, predominantly localized in nucleus. Physiologically TDP-43 executes post-transcriptional mRNA control. In ALS and frontotemporal dementia (FTD), TDP-43 mis-localizes to cytoplasm, undergoes hyper-phosphorylation, ubiquitination and forms cytoplasmic inclusions, constituting hallmark lesions of TDP-43 proteinopathies.