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WDR77 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant WDR77.
Catalog # AT4536a

Product Information

Application	WB, IHC, E
Primary Accession	Q9BQA1
Other Accession	BC001679
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3F10
Calculated MW	36724

Additional Information

Gene ID	79084
Other Names	Methylosome protein 50, MEP-50, Androgen receptor cofactor p44, WD repeat-containing protein 77, p44/Mep50, WDR77, MEP50, WD45
Target/Specificity	WDR77 (AAH01679, 1 a.a. ~ 342 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	WDR77 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

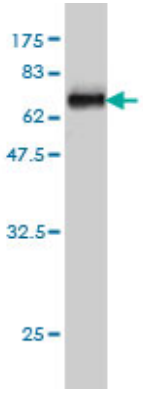
Background

WDR77 is a component of the 20S PRMT5 (MIM 604045)-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins (see MIM 601061). This modification targets Sm proteins to the survival of motor neurons (SMN) complex (see MIM 600354) for assembly into small nuclear ribonucleoprotein core particles (Friesen et al., 2002 [PubMed 11756452]).

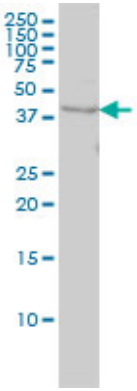
References

1.PRMT5 Is Upregulated in Malignant and Metastatic Melanoma and Regulates Expression of MITF and p27(Kip1.).Nicholas C, Yang J, Peters SB, Bill MA, Baiocchi RA, Yan F, Sif S, Tae S, Gaudio E, Wu X, Grever MR,

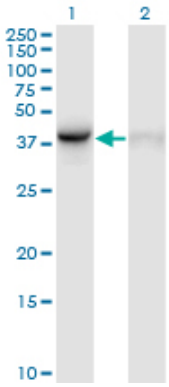
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (63.36 KDa) .

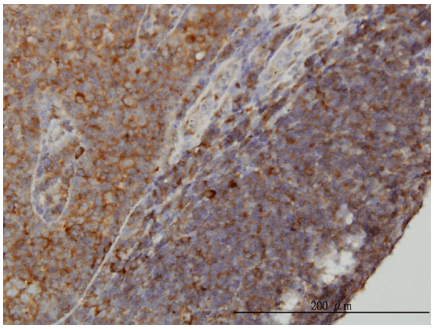


WDR77 monoclonal antibody (M01), clone 3F10 Western Blot analysis of WDR77 expression in HeLa ((Cat # AT4536a)



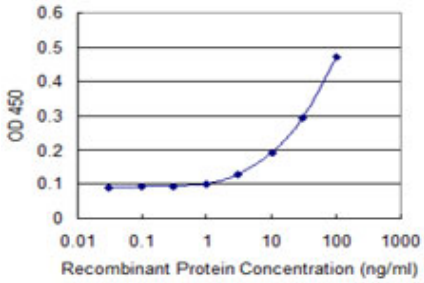
Western Blot analysis of WDR77 expression in transfected 293T cell line by WDR77 monoclonal antibody (M01), clone 3F10.

Lane 1: WDR77 transfected lysate(36.7 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to WDR77 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

Detection limit for recombinant GST tagged WDR77 is approximately 3ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.