

## Datasheet for ABIN7140359 **anti-WDR77 antibody**



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### Overview

Quantity:	100 µL
Target:	WDR77
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This WDR77 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Purified recombinant human WDR77 protein fragments expressed in E.coli.
Isotype:	IgG1, IgG1 kappa
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified

### Target Details

Target:	WDR77
Alternative Name:	WDR77 ( <a href="#">WDR77 Products</a> )
Background:	Background: Non-catalytic component of the 20S PRMT5-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins and histones. This modification targets Sm proteins to the survival of motor neurons (SMN) complex for assembly into small nuclear ribonucleoprotein core particles. Might play a

## Target Details

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role in transcription regulation. The 20S PRMT5-containing methyltransferase complex also methylates the Piwi proteins (PIWIL1, PIWIL2 and PIWIL4), methylation of Piwi proteins being required for the interaction with Tudor domain-containing proteins and subsequent localization to the meiotic nuage.

Aliases: 2610312E17Rik, Androgen receptor cofactor p44, C79984, HKMT1069, MEP 50, MEP-50, MEP50, MEP50\_HUMAN, Methylosome protein 50, MGC2722, Nbla10071, p44, p44/Mep50, RGD1310479, RP11 552M11.3, WD repeat containing protein 77, WD repeat domain 77,

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UniProt: [Q9BQA1](#)

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Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: Recommended dilution: WB: 1:500-1:5000, ICC: 1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified mouse monoclonal in PBS (pH 7.4) containing with 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C, -80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.