

Datasheet for ABIN6241347

**anti-WDR77 antibody****2** Images[Go to Product page](#)

## Overview

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

## Product Details

Immunogen:	Recombinant Protein
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## Target Details

Target:	WDR77
Alternative Name:	WDR77 ( <a href="#">WDR77 Products</a> )
Background:	<p>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 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.</p>

## Target Details

UniProt: [Q9BQA1](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

Application Notes: WB: 1:1000. ICC: 1:100

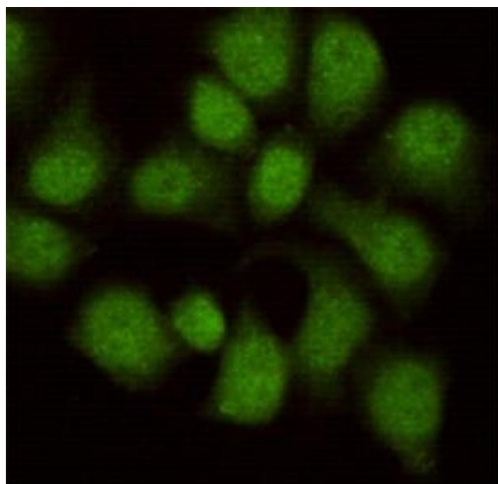
Restrictions: For Research Use only

## Handling

Format: Liquid

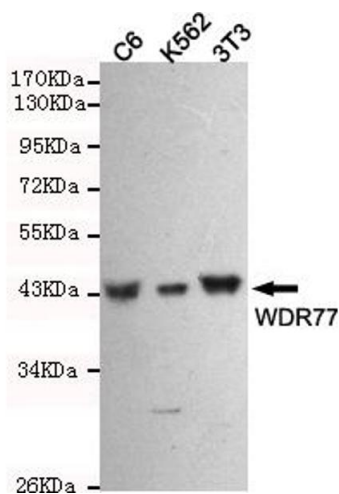
Storage: 4 °C,-20 °C

## Images



### Immunocytochemistry

**Image 1.** Immunocytochemistry staining of HeLa cells fixed in 1 % Paraformaldehyde and then permeabilized in 0.1 % Triton X-100, next using WDR77 mouse mAb (dilution 1:100).



### Western Blotting

**Image 2.** Western blot detection of WDR77 in C6,3T3 and K562 cell lysates using WDR77 mouse mAb (1:1000 diluted). Predicted band size:42KDa.Observed band size:42KDa.