

Datasheet for ABIN6657813  
**anti-WDR5 antibody (Internal Region)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	WDR5
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Wdr5 Antibody
Immunogen:	Anti-Wdr5 Antibody was produced in rabbits by repeated immunizations with two synthetic peptides containing an amino acid sequence from the internal part of mouse Wdr5.
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity with Wdr5 from other species not tested.
Purification:	Anti-Wdr5 Antibody is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration.
Sterility:	Sterile filtered

## Target Details

Target:	WDR5
Alternative Name:	Wdr5 ( <a href="#">WDR5 Products</a> )
Background:	<p>Synonyms: WD repeat-containing protein 5, BMP2-induced 3-kb gene protein, WD repeat-containing protein BIG-3, Big, Big3</p> <p>Background: Wdr5 belongs to the family of WD repeat proteins which are involved in different cellular processes such as cell cycle progression, signal transduction, apoptosis, and gene regulation. It is a component of the Set1A and Set1B histone H3 methylation complexes. These complexes methylate lysine 4 of H3, thereby activating gene transcription. Wdr5 interacts with H3 dimethyl K4, but not with tri or mono methylated H3K4. Anti-Wdr5 Antibody is ideal for research in Cell Cycle Control, Signal Transduction, Apoptosis, Epigenetics, Gene Expression and Cancer.</p> <p>Gene Name: Wdr5</p>
Gene ID:	140858
NCBI Accession:	<a href="#">NP_543124</a>
UniProt:	<a href="#">P61965</a>

## Application Details

Application Notes:	ELISA_Dilution: 1:100 - 1:500 Western_Blot_Dilution: 1:1,000
Comment:	Anti-Wdr5 Antibody has been tested by ELISA and Western Blots. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 36 kDa in the appropriate cell lysate or extract.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Buffer: None Stabilizer: None Preservative: 0.05 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

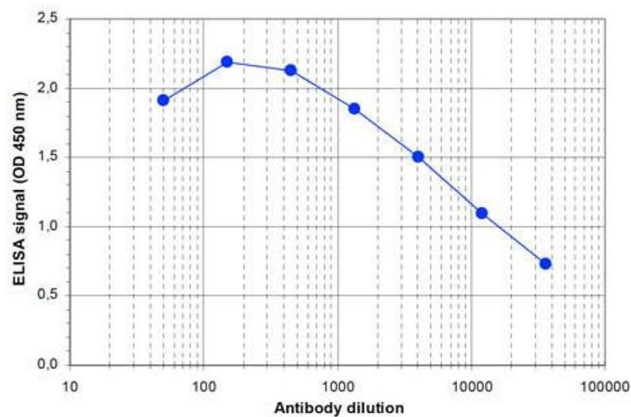
should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

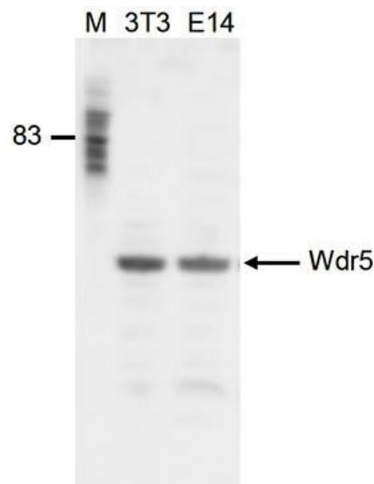
Expiry Date: 12 months

Images



ELISA

**Image 1.** ELISA of anti-Wdr5 antibody ELISA results of Rabbit anti-Wdr5 antibody. Antigen: BSA conjugated Wdr5. Coating amount: 0.1 µg per well. Dilution series: serial dilution. Estimated Antibody Titer to be 1:12,300. Substrate: TMB .



Western Blotting

**Image 2.** Western Blot of anti-Wdr5 antibody Western Blot results of Rabbit anti-Wdr5 antibody. Lane 1: NIH3T3 nuclear extracts lysate. Lane 2: embryonic stem cells E14Tg2a lysate. Load: 20 µg per lane. Primary antibody: Wdr5 antibody at 1:1000 for overnight at 4°C. Secondary antibody: goat anti-rabbit HRP secondary antibody at 1:10,000 for 45 min at RT. Block: BSA/PBS-Tween overnight at 4°C. Predicted: 36kDa.