

# WDR45 Rabbit pAb

**Catalog No.: A7581**

## Basic Information

**Observed MW**

39kDa/35kDa

**Calculated MW**

40kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC

**Cross-Reactivity**

Mouse, Rat

## Background

This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene has a pseudogene at chromosome 4q31.3. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity and full-length nature of some variants have not been determined.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

11152

**Swiss Prot**

Q9Y484

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 35-148 of human WDR45 (NP\_001025067.1).

**Synonyms**

JM5; NBIA4; NBIA5; WDRX1; WIPI4; WIPI-4; WDR45

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

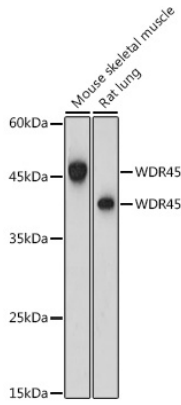
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

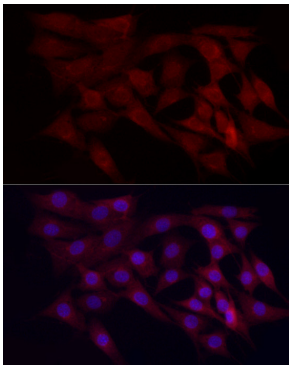
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

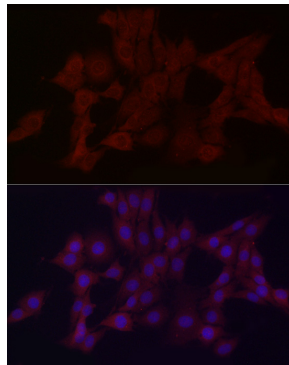
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Western blot analysis of extracts of various cell lines, using WDR45 antibody (A7581) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunofluorescence analysis of NIH/3T3 cells using WDR45 Rabbit pAb (A7581) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using WDR45 Rabbit pAb (A7581) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.