

A7581

Leader in Biomolecular Solutions for Life Science



## WDR45 Rabbit pAb

Catalog No.: A7581

### Basic Information

**Observed MW**

39kDa/35kDa

**Calculated MW**

40kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IF/ICC,ELISA

**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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

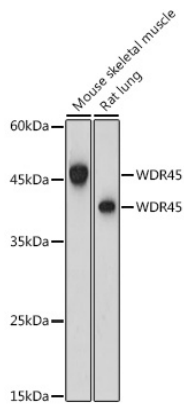
Affinity purification

**Storage**

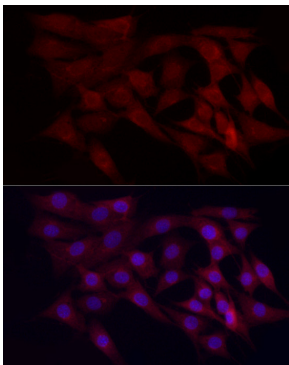
Store at -20°C. Avoid freeze / thaw cycles.

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

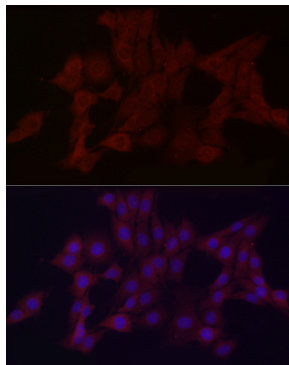
## Validation Data



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) (A5014) 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.