

Datasheet for ABIN7271354
anti-WDR18 antibody (AA 243-432)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	WDR18
Binding Specificity:	AA 243-432
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	WDR18 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 243-432 of human WDR18 (NP_077005.2).
Sequence:	DLFTWPGQRE RSFHPEQDAG KVFKGHRNQV TCLSVSTDGS VLLSGSHDET VRLWDVQSKQ CIRTVALKGP VTNAAILLAP VSMLSSDFRP SLPLPHFNKH LLGAEHGDEP RHGGLTLRLG LHQQGSEPSY LDRTEQLQAV LCSTMEKSVL GGQDQLRVRV TELEDEVRLN RKINRDLFDF STRFITRPAK
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

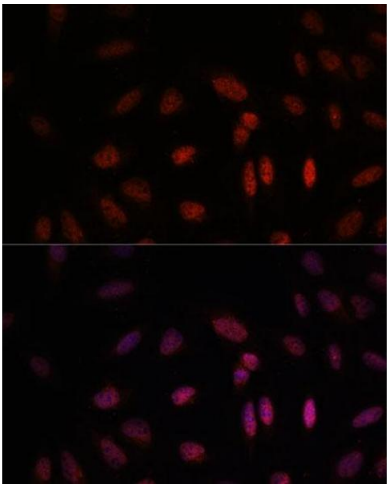
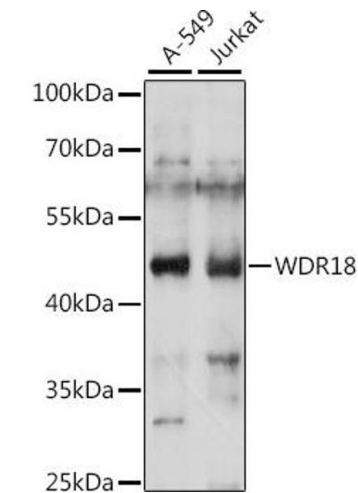
Target:	WDR18
Alternative Name:	WDR18 (WDR18 Products)
Background:	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric 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. WDR18, IPI3, R32184_1, Cell Biology & Developmental Biology, WDR18
Molecular Weight:	47kDa
Gene ID:	57418
UniProt:	Q9BV38

Application Details

Application Notes:	WB, 1:500 - 1:2000, IF, 1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using WDR18 antibody (ABIN7271354) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 120s.

Immunofluorescence

Image 2. Immunofluorescence analysis of U-2 OS cells using WDR18 antibody (ABIN7271354) at dilution of 1:100. Blue: DAPI for nuclear staining.