

Rabbit WDR1 Polyclonal Antibody | anti-WDR1 antibody

WDR1 Antibody

CATALOG # AAA323324	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

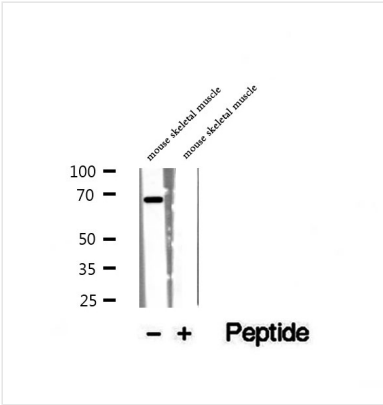
PRODUCT SYNONYMS

WDR1; Polyclonal Antibody; WDR1 Antibody; Actin interacting protein 1; Actin-interacting protein 1; AIP1; D5Wsu185e; NORI 1; NORI-1; WD repeat domain 1; WD repeat-containing protein 1; wdr1; WDR1_HUMAN; anti-WDR1 antibody

PRODUCT SPECIFICATIONS

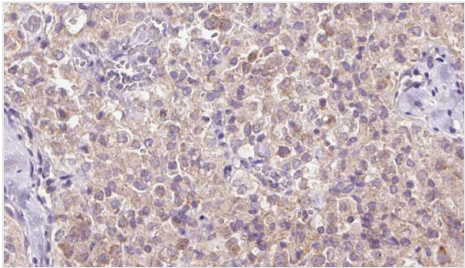
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	WDR1 antibody detects endogenous levels of WDR1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-WDR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human WDR1.
Subcellular Location	Cytoskeleton
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse skeletal muscle tissue, using WDR1 antibody.



IHC (Immunohistochemistry)

AAA323324 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-WDR1 antibody	Function: Induces disassembly of actin filaments in conjunction with ADF/cofilin family proteins (PubMed:15629458). Enhances cofilin-mediated actin severing (By similarity). Involved in cytokinesis. Involved in chemotactic cell migration by restricting lamellipodial membrane protrusions (PubMed:18494608). Involved in myocardium sarcomere organization. Required for cardiomyocyte growth and maintenance (By similarity). Involved in megakaryocyte maturation and platelet shedding. Required for the establishment of planar cell polarity (PCP) during follicular epithelium development and for cell shape changes during PCP; the function seems to implicate cooperation with CFL1 and/or DSTN/ADF. Involved in the generation/maintenance of cortical tension (By similarity). Involved in assembly and maintenance of epithelial apical cell junctions and plays a role in the organization of the perijunctional actomyosin belt (PubMed:25792565). Similarity: Belongs to the WD repeat AIP1 family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	53729352
NCBI GeneID	9948
NCBI Accession #	NP_005103.2
NCBI GenBank Nucleotide #	NM_005112.4
UniProt Accession #	O75083; O75313; Q8N6E5; Q9UG05; Q9UG78; Q9UQE0; A8K6E9; A8MPU4
Molecular Weight	Observed: 66-70 kDa Predicted: 67 kDa
NCBI Official Full Name	WD repeat-containing protein 1 isoform 2
NCBI Official Synonym Full Names	WD repeat domain 1
NCBI Official Symbol	WDR1
NCBI Official Synonym Symbols	AIP1; NORI-1; HEL-S-52
NCBI Protein Information	WD repeat-containing protein 1
UniProt Protein Name	WD repeat-containing protein 1
UniProt Gene Name	WDR1
UniProt Synonym Gene Names	AIP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

