Rabbit WDR37 Polyclonal Antibody | anti-WDR37 antibody

WDR37 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285487	**Rabbit**	**Human (Predicted Reactivity: Mouse)**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

WDR37; Polyclonal Antibody; WDR37 Antibody (C-term); WD repeat-containing protein 37; KIAA0982; anti-WDR37 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This WDR37 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 426-455 amino acids from the C-terminal region of human WDR37.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	426-455
Sequence Length	264
Applicable Applications for anti-WDR37 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Required for normal ER Ca2+ handling in lymphocytes. Together with PACS1, it plays an essential role in stabilizing peripheral lymphocyte populations.
Cellular Location	Cytoplasm, nucleus. Note: Primarily localized in the cytoplasm with the highest concentration in the perinuclear region and in small clusters at the leading edge of the spreading cells.
Preparation and Storage	Maintain refrigerated at 2-8 degrees C for up to 2 weeks. For long term storage, store at -20 degrees C in small aliquots to prevent freeze-thaw cycles.

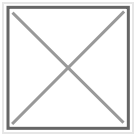
IMAGES



FCM/FACS (Flow Cytometry)
WDR37 Antibody (C-term) (AAA285487) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with WDR37 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of WDR37 Antibody (C-term) (AAA285487) in HepG2 cell line lysates (35ug/lane). WDR37 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-WDR37 antibody	WDR37 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-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes.
Product Categories/Family for anti-WDR37 antibody	Cell Biology
References	Yoshida,T.,Int. J. Mol. Med. 25 (4), 649-656 (2010) Deloukas,P., et.al, Nature 429 (6990), 375-381 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	41281564
NCBI GeneID	22884
NCBI Accession #	NP_054742.2
NCBI GenBank Nucleotide #	NM_014023.3
UniProt Accession #	Q9Y2I8; Q8CBE3; Q5SW03; Q8WVG2; Q9NTJ6; A8K976; D3DRQ7
Molecular Weight	54665
NCBI Official Full Name	WD repeat-containing protein 37
NCBI Official Synonym Full Names	WD repeat domain 37
NCBI Official Symbol	WDR37
NCBI Protein Information	WD repeat-containing protein 37
UniProt Protein Name	WD repeat-containing protein 37
UniProt Gene Name	**WDR37**
UniProt Synonym Gene Names	KIAA0982
UniProt Entry Name	WDR37_HUMAN

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.

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