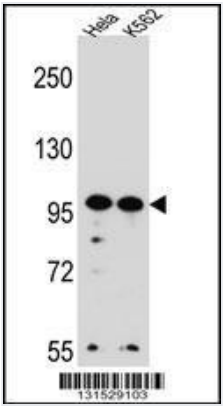
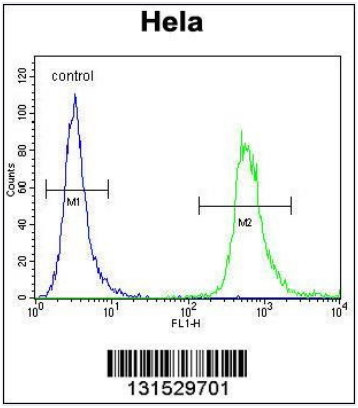
WDR3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WDR3, Polyclonal Antibody
Full Product Name	WDR3, NT (WDR3, WD repeat-containing protein 3)
Product Gene Name	anti-WDR3 antibody
Product Synonym Names	Anti -WDR3, NT (WDR3, WD repeat-containing protein 3)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	106,099 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (118472372..118503049). Location: 1p12
OMIM	604737
3D Structure	ModBase 3D Structure for Q9UNX4
Immunogen	WDR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 207-236 amino acids from the N-terminal region of human WDR3.
Product Categories/Family for anti-WDR3 antibody	Antibodies; Abs to WD Repeat Proteins
Applications Tested/Suitable for anti-WDR3 antibody	ELISA (EL/EIA), Western Blot (WB), Flow Cytometry (FC/FACS)
Application Notes for anti-WDR3 antibody	Suitable for use in Western Blot, Flow Cytometry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Flow Cytometry: 1:10-50
Related Product Information for anti-WDR3 antibody	This gene encodes a nuclear protein containing 10 WD repeats. WD repeats are approximately 30- to 40-amino acid domains containing several conserved residues, which usually include a trp-asp at the C-terminal end. Proteins belonging to the WD repeat family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation.
Other Notes	Small volumes of anti-WDR3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for WDR3 purchase	MBS643184 is an antibody targeting WDR3. Also known as WDR3, NT (WDR3, WD repeat-containing protein 3). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-WDR3 antibody
WDR3 Antibody (N-term) western blot analysis in Hela,K562 cell line lysates (35ug/lane).This demonstrates the WDR3 antibody detected the WDR3 protein (arrow).



Flow Cytometry (FC/FACS) of anti-WDR3 antibody
WDR3 Antibody (N-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WDR3. It may not necessarily be applicable to this product.

NCBI GI #	5803221
NCBI GeneID	10885
NCBI Accession #	NP_006775.1
UniProt Primary Accession #	Q9UNX4
UniProt Related Accession #	Q9UNX4
GenBank Nucleotide #	NM_006784.2
NCBI Official Full Name	WD repeat-containing protein 3
NCBI Official Synonym Full Names	WD repeat domain 3
NCBI Official Symbol	WDR3
NCBI Official Synonym Symbols	DIP2; UTP12
UniProt Protein Name	WD repeat-containing protein 3
Protein Family	WD repeat-containing protein
UniProt Gene Name	WDR3
UniProt Entry Name	WDR3_HUMAN
NCBI Protein Information	WD repeat-containing protein 3; dJ776P7.2 (WD repeat domain 3)
UniProt Comments for WDR3	WDR3: an ubiquitous nuclear WD40 repeat protein. WD40 repeats are found in a number of eukaryotic proteins that coordinate multi-protein complex assemblies. WD40 proteins are implicated in many functions including adaptor/regulatory modules in signal transduction, pre-mRNA processing and cytoskeleton assembly. Protein type: Unknown function; Nucleolus Chromosomal Location of Human Ortholog: 1p12 Cellular Component: small subunit processome; nuclear membrane; nucleolus; nucleus Molecular Function: snoRNA binding Biological Process: maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)
Research Articles on WDR3	**1.** WDR3 can modulate genome stability in thyroid cancer patients.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/wdr3/643184