WDR19 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WDR19, Polyclonal Antibody
Full Product Name	WDR19 (WD Repeat-containing Protein 19, KIAA1638, ATD5, CED4, DYF-2, IFT144, NPHP13, ORF26, Oseg6, PWDMP) (MaxLight 550)
Product Gene Name	anti-WDR19 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human WDR19.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	53,573 Da
Immunogen	Full length human WDR19, aa1-437 (AAH32578.1).
Immunogen Sequence	MKRIFSLLEKTWLGAPIQFAWQKTSGNYLAVTGADYIVKIFDRHGQKRSEINLPGNCVAMDWDKDGDVLAVIAEKSSCIYLWDANTNKTSQLDNGMRDQM
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-WDR19 antibody	Antibodies; WD Repeat Proteins
Applications Tested/Suitable for anti-WDR19 antibody	Western Blot (WB)
Application Notes for anti-WDR19 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-WDR19 antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling
Other Notes	Small volumes of anti-WDR19 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for WDR19 purchase	MBS6398498 is an antibody targeting WDR19. Also known as WDR19 (WD Repeat-containing Protein 19, KIAA1638, ATD5, CED4, DYF-2, IFT144, N

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WDR19. It may not necessarily be applicable to this product.

NCBI GI #	21619140
NCBI GeneID	57728
NCBI Accession #	BC032578
NCBI Related Accession #	AAH32578.1
UniProt Secondary Accession #	Q8N5B4; Q9H5S0; Q9HCD4; B5MEF2
UniProt Related Accession #	Q8NEZ3
NCBI Official Full Name	Homo sapiens WD repeat domain 19, mRNA
NCBI Official Synonym Full Names	WD repeat domain 19
NCBI Official Symbol	WDR19
NCBI Official Synonym Symbols	ATD5; CED4; DYF-2; ORF26; Oseg6; PWDMP; SRTD5; IFT144; NPHP13
Protein Family	WD repeat-containing protein
NCBI Protein Information	WD repeat-containing protein 19
NCBI Summary for WDR19	The protein encoded by this gene is a member of the WD (tryptophan-aspartic acid) repeat family, which is a large family of structurally-related proteins known to participate in a wide range of cellular processes. Each WD repeat typically contains about 40 amino acids that are usually bracketed by glycine-histidine and tryptophan-aspartic acid (WD) dipeptides. This protein contains six WD repeats, three transmembrane domains, and a clathrin heavy-chain repeat. Mutations in this gene have been described in individuals with a wide range of disorders affecting function of the cilium. These disorders are known as ciliopathies, and include Jeune syndrome, Sensenbrenner syndromes, Senior-Loken syndrome, combined or isolated nephronophthisis (NPHP), and retinitis pigmentosa (RP). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]
Research Articles on WDR19	**1.** Nephronophthisis 13 (Autosomal Recessive Polycystic Kidney Disease) is associated with mutations in the WDR19 gene.Caroli disease is a major extra-renal phenotype associated with mutations in WDR19 in the Korean population.
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