WRAP53 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WRAP53, Polyclonal Antibody
Full Product Name	WRAP53 (WD40 Repeat-containing Protein Encoding RNA Antisense to p53, Telomerase Cajal Body Protein 1, TCAB1, WD Repeat-containing Protei
Product Gene Name	anti-WRAP53 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 MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human WDR79.
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
Immunogen	Full length human WDR79, aa1-548 (AAH02336.1).
Immunogen Sequence	MKTLETQPLAPDCCPSDQDPAPAHPSPHASPMNKNADSELMPPPPERGDPPRLSPDPVAGSAVSQELREGDPVSLSTPLETEFGSPSELSPRIEEQELS
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-WRAP53 antibody	Antibodies; WD Repeat Proteins
Applications Tested/Suitable for anti-WRAP53 antibody	Western Blot (WB)
Application Notes for anti-WRAP53 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-WRAP53 antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imagin
Other Notes	Small volumes of anti-WRAP53 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

Searchable Terms for WRAP53 purchase	MBS6398543 is an antibody targeting WRAP53. Also known as WRAP53 (WD40 Repeat-containing Protein Encoding RNA Antisense to p53, Telomer

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WRAP53. It may not necessarily be applicable to this product.

NCBI GI #	33990682
NCBI GeneID	55135
NCBI Accession #	BC002336.2
NCBI Related Accession #	AAH02336.1
UniProt Related Accession #	Q9BUR4
NCBI Official Full Name	Homo sapiens WD repeat containing, antisense to TP53, mRNA
NCBI Official Synonym Full Names	WD repeat containing antisense to TP53
NCBI Official Symbol	WRAP53
NCBI Official Synonym Symbols	DKCB3; TCAB1; WDR79
Protein Family	Telomerase Cajal body protein
NCBI Protein Information	telomerase Cajal body protein 1
NCBI Summary for WRAP53	This gene encodes an essential component of the telomerase holoenzyme complex, a ribonucleoprotein complex required for telomere synthesis. This protein is enriched in Cajal bodies, nuclear sites of RNP processing that are important for telomerase function. It interacts with dyskerin, TERT and TERC, other components of active telomerase, and with small Cajal body RNAs (scaRNAs), which are involved in modifying splicing RNAs. This mRNA also functions as a p53 antisense transcript, that regulates endogenous p53 mRNA levels and further induction of p53 protein by targeting the 5' untranslated region of p53 mRNA. Alternatively spliced transcript variants which differ only in the 5' UTR have been found for this gene. [provided by RefSeq, Mar 2011]
Research Articles on WRAP53	**1.** analyze a haplotype comprising four SNPs, including rs1042522, rs17878362, rs2287499, and rs2287498, which are located at 5' regions of the TP53 and WRAP53 genes as molecular prognostic and predictive biomarkers for breast cancer.
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