

WDR8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4822b**Specification**

WDR8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9P2S5](#)**WDR8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 49856**Other Names**

WD repeat-containing protein WRAP73, WD repeat-containing protein 8, WD repeat-containing protein antisense to TP73 gene, WRAP73, WDR8

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

WDR8 Antibody (C-term) Blocking Peptide - Protein Information**Name** WRAP73**Synonyms** WDR8**Function**

The SSX2IP:WRAP73 complex is proposed to act as regulator of spindle anchoring at the mitotic centrosome. Required for the centrosomal localization of SSX2IP and normal mitotic bipolar spindle morphology (PubMed:26545777). Required for the targeting of centriole satellite proteins to centrosomes such as of PCM1, SSX2IP, CEP290 and PIBF1/CEP90. Required for ciliogenesis and involved in the removal of the CEP97:CCP110 complex from the mother centriole. Involved in ciliary vesicle formation at the mother centriole and required for the docking of vesicles to the basal body during ciliogenesis; may promote docking of RAB8A- and ARL13B-containing vesicles (PubMed:26675238).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Note=Enriched in the proximal end of the mother centriole (PubMed:26545777). During ciliogenesis also associated with the basal

body of the adjacent centriole (PubMed:26675238)

Tissue Location

Ubiquitous. Predominant expression in heart, brain, liver, thymus, prostate, and testis, and barely detectable expression in lung

WDR8 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

WDR8 Antibody (C-term) Blocking Peptide - Images**WDR8 Antibody (C-term) Blocking Peptide - Background**

WDR8 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-asn (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Studies of the related mouse protein suggest that the encoded protein may play a role in the process of ossification.

WDR8 Antibody (C-term) Blocking Peptide - References

Koshizuka, Y., et al. Genomics 72(3):252-259(2001)