

WDR43 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15629**Specification**

WDR43 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q15061
Other Accession	NP_055946
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74kDa KDa

WDR43 Antibody - N-terminal region - Additional Information**Gene ID** 23160**Alias Symbol** WDR43, KIAA0007, UTP5,**Other Names**

WD repeat-containing protein 43, WDR43, KIAA0007, UTP5

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-WDR43 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

WDR43 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

WDR43 Antibody - N-terminal region - Protein Information**Name** WDR43 ([HGNC:28945](#))**Synonyms** KIAA0007, UTP5**Function**

Ribosome biogenesis factor that coordinates hyperactive transcription and ribogenesis (PubMed: 17699751). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA

polymerase I (PubMed:17699751, PubMed:34516797). Essential for stem cell pluripotency and embryonic development. In the nucleoplasm, recruited by promoter-associated/nascent transcripts and transcription to active promoters where it facilitates releases of elongation factor P-TEFb and paused RNA polymerase II to allow transcription elongation and maintain high-level expression of its targets genes (By similarity).

Cellular Location

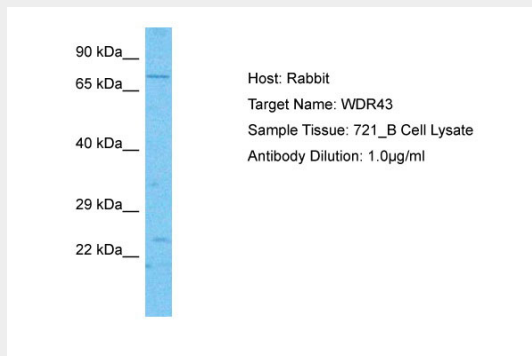
Nucleus, nucleolus. Nucleus, nucleolus fibrillar center. Nucleus, nucleoplasm
{ECO:0000250|UniProtKB:Q6ZQL4}

WDR43 Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

WDR43 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: WDR43
Sample Tissue: 721_B Whole Cell lysates
Antibody Dilution: 1.0µg/ml

WDR43 Antibody - N-terminal region - References

Nomura N.,et al.DNA Res. 1:27-35(1994).
Scherl A.,et al.Mol. Biol. Cell 13:4100-4109(2002).
Olsen J.V.,et al.Cell 127:635-648(2006).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).