

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

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**WDR43 Antibody - N-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O15061</a>
Other Accession	<a href="#">NP_055946</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>74kDa KDa</b>

**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  $\mu$ l 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:&lt;a href="http://www.uniprot.org/citations/17699751" target="\_blank"&gt;17699751&lt;/a&gt;). 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:<a href="http://www.uniprot.org/citations/17699751" target="\_blank">17699751</a>, PubMed:<a href="http://www.uniprot.org/citations/34516797" target="\_blank">34516797</a>). 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

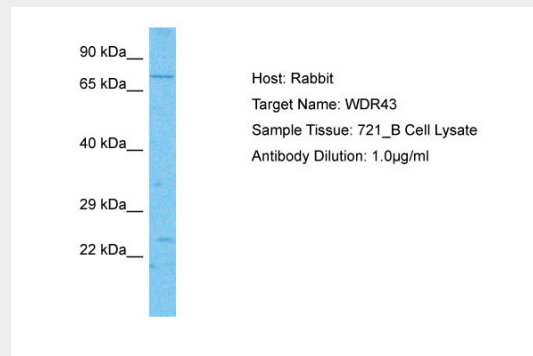
Nucleus, nucleolus. Nucleus, nucleolus fibrillar center. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:Q6ZQL4}

#### 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).