

**ANKRD16 Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15641****Specification**

---

**ANKRD16 Antibody - N-terminal region - Product Information**

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Application       | WB                                                             |
| Primary Accession | <a href="#">Q6P6B7</a>                                         |
| Other Accession   | <a href="#">NM_019046</a> , <a href="#">NP_061919</a>          |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                                         |
| Clonality         | Polyclonal                                                     |
| Calculated MW     | 40kDa KDa                                                      |

**ANKRD16 Antibody - N-terminal region - Additional Information****Gene ID** 54522**Other Names**

Ankyrin repeat domain-containing protein 16, ANKRD16

**Format**

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

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ANKRD16 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**

ANKRD16 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**ANKRD16 Antibody - N-terminal region - Protein Information****Name** ANKRD16 ([HGNC:23471](#))**Function**

Required to prevent the misactivation of serine (Ser) with tRNA(Ala) by promoting the hydrolysis of Ser-mischarged tRNA(Ala), thereby playing a role in translational fidelity. Binds directly to the catalytic domain of AARS/AlaRS and captures Ser that is misactivated by AARS/AlaRS, preventing the charging of Ser adenylates to tRNA(Ala) and precluding Ser misincorporation in nascent peptides.

**Cellular Location**

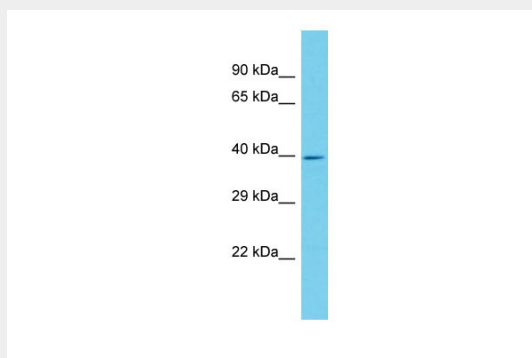
Cytoplasm {ECO:0000250|UniProtKB:A2AS55}. Nucleus {ECO:0000250|UniProtKB:A2AS55}

## ANKRD16 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](#)

## ANKRD16 Antibody - N-terminal region - Images



Host: Rabbit

Target Name: ANKRD16

Sample Tissue: Hela Whole cell lysate

s

Antibody Dilution: 1.0µg/ml

## ANKRD16 Antibody - N-terminal region - References

Deloukas P., et al. Nature 429:375-381(2004).

Bechtel S., et al. BMC Genomics 8:399-399(2007).

Mayya V., et al. Sci. Signal. 2:RA46-RA46(2009).