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

Specification

ANKRD16 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q6P6B7
Other Accession	NM_019046, NP_061919
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}

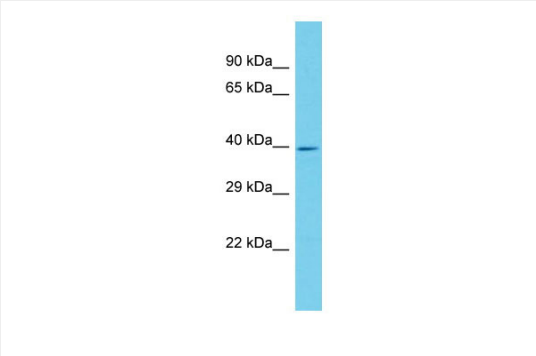
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ANKRD16 Antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ANKRD16 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: ANKRD16
Sample Tissue: Hela Whole cell lysate
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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).