

Product datasheet

Anti-NUDT16 antibody ab122947

1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-NUDT16 antibody |
| Description | Rabbit polyclonal to NUDT16 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Mouse Predicted to work with: Rat, Sheep, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Human  |
| Immunogen | Synthetic peptide corresponding to a region within N terminal amino acids 45-94 (VLMQMRFDGR LGFPGGFVDA QDSCLEDGLN RELREELGEA MSAFRVERSD) of Mouse NUDT16 (NP_083661). Run BLAST with ExPASy Run BLAST with NCBI |
| Positive control | Mouse small intestine lysate |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab122947 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------|
| | | |

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 22 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

Target

Function

RNA-decapping enzyme that binds specifically to U8 snoRNA. Part of the U8 snoRNP complex that is required for the accumulation of mature 5.8S and 28S rRNA. Has diphosphatase activity and removes m7G and m227G caps from U8 snoRNA. Has broad substrate specificity with manganese or cobalt as cofactor and can act on various RNA species (in vitro).

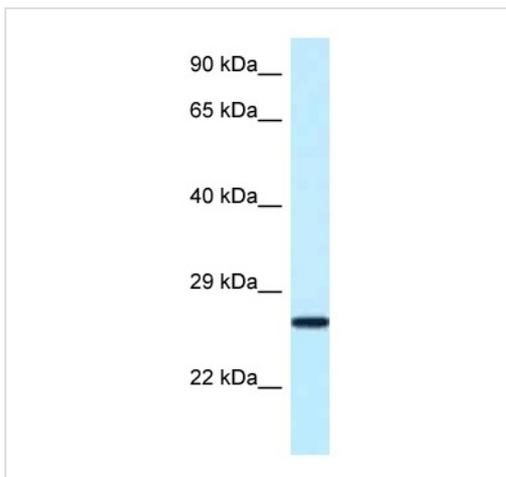
Sequence similarities

Belongs to the Nudix hydrolase family.
Contains 1 nudix hydrolase domain.

Cellular localization

Nucleus > nucleolus. Nucleus > nucleoplasm. Predominantly localized in nucleolus, and in a minor proportion in distinct foci in the nucleoplasm.

Images



Western blot - Anti-NUDT16 antibody (ab122947)

Anti-NUDT16 antibody (ab122947) at 1 µg/ml + Mouse small intestine lysate at 10 µg

Predicted band size: 22 kDa

Gel concentration: 12%

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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