

Product datasheet

Anti-HNRPDL antibody ab175067

★★★★★ 2 Abreviews 1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-HNRPDL antibody |
| Description | Rabbit polyclonal to HNRPDL |
| Host species | Rabbit |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat, Chicken, Xenopus tropicalis |
| Immunogen | Synthetic peptide within Human HNRPDL aa 214-244 (internal sequence) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. NP_112740.1. Database link: O14979 |
| Positive control | K562, HepG2 and Jurkat cell lysates. |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 0.09% Sodium azide Constituent: 99% PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab175067** 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 |
|-------------|-----------|--|
| WB | ★★★★★ | 1/100 - 1/500. Predicted molecular weight: 46 kDa. |

Target

Function

Acts as a transcriptional regulator. Promotes transcription repression. Promotes transcription activation in differentiated myotubes (By similarity). Binds to double- and single-stranded DNA sequences. Binds to the transcription suppressor CATR sequence of the COX5B promoter (By similarity). Binds with high affinity to RNA molecules that contain AU-rich elements (AREs) found within the 3'-UTR of many proto-oncogenes and cytokine mRNAs. Binds both to nuclear and cytoplasmic poly(A) mRNAs. Binds to poly(G) and poly(A), but not to poly(U) or poly(C) RNA homopolymers. Binds to the 5'-ACUAGC-3' RNA consensus sequence.

Tissue specificity

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes. Expressed in myeloid leukemia, gastric adenocarcinoma, cervical carcinoma, hepatoma, fibrosarcoma, colon adenocarcinoma, epidermoid carcinoma, osteosarcoma and urinary bladder carcinoma cells.

Sequence similarities

Contains 2 RRM (RNA recognition motif) domains.

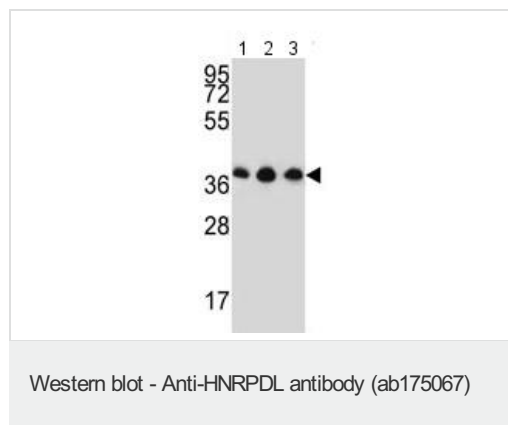
Post-translational modifications

Dimethylation of Arg-408 is probably of the asymmetric type.

Cellular localization

Nucleus. Cytoplasm. Shuttles between the nucleus and the cytoplasm in a TNPO1-dependent manner.

Images



All lanes : Anti-HNRPDL antibody (ab175067) at 1/100 dilution

Lane 1 : K562 cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : Jurkat cell lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 46 kDa

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