

hnRPD Ab

Cat.#: AF0092
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 38kDa
Clonality: Polyclonal

Application: WB: 1:500~1:3000 IHC: 1:50~1:200 IF/ICC: 1:100~1:500

Reactivity: Human, Mouse, Rat

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: hnRPD Ab detects endogenous levels of total hnRPD.

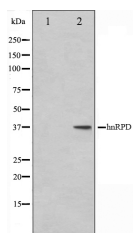
Immunogen: A synthesized peptide derived from human hnRPD.

Uniprot: Q14103

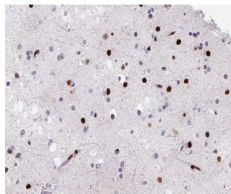
Description: hnRNP D0 a ubiquitously expressed heterogeneous nuclear ribonucleoprotein (hnRNP). Implicated in the regulation of mRNA stability. Has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. Four alternatively spliced transcript variants have been described.

Subcellular Location: Nucleus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis on HuvEc cell lysate using hnRPD Ab. The lane on the left is treated with the antigen-specific peptide.



AF0092 at 1/200 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF0092 staining MCF-7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab (Cat.# S0006), diluted at 1/600, was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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