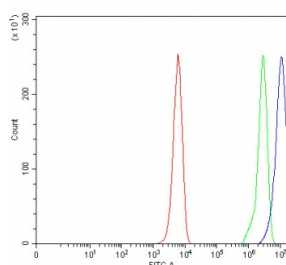


Relaxin 3 Antibody / RLN3 (RQ7856)

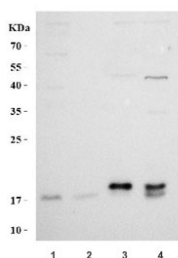
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ7856 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose |
| UniProt | Q8WXF3 |
| Applications | Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml |
| Limitations | This Relaxin 3 antibody is available for research use only. |



Flow cytometry testing of human K562 cells with Relaxin 3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Relaxin 3 antibody.



Western blot testing of 1) human K562, 2) human ThP-1, 3) rat testis and 4) mouse testis tissue lysate with Relaxin 3 antibody. Predicted molecular weight ~15 kDa.

Description

This gene encodes a member of the relaxin family of insulin-like hormones that is expressed predominantly in the brain and plays a role in physiological processes such as stress, memory and appetite regulation. The encoded protein is a precursor that is proteolytically processed to generate a heterodimeric mature form consisting A and B chains interlinked by disulfide bonds. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the Relaxin 3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R26-C142) was used as the immunogen for the Relaxin 3 antibody.

Storage

After reconstitution, the Relaxin 3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.