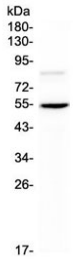
# ANGPTL3 Antibody / Angiopoietin-like protein 3 (RQ4118)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4118 | 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 |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| **UniProt** | Q9Y5C1 |
| **Applications** | Western Blot: 0.5-1ug/ml |
| **Limitations** | This ANGPTL3 antibody is available for research use only. |




Western blot testing of mouse HEPA1-6 cell lysate with ANGPTL3 antibody at 0.5ug/ml. Expected molecular weight 50 ~ 63 kDa depending on glycosylation level.

## Description

ANGPTL3 (Angiopoietin-Like 3), also known as ANGPT5, is a protein which in humans is encoded by the ANGPTL3 gene. The protein encoded by this gene is a member of the angiopoietin-like family of secreted factors. By radiation hybrid mapping and the use of surrounding genes, this gene is mapped to chromosome 1p31. It is predominantly expressed in the liver, and has the characteristic structure of angiopoietins, consisting of a signal peptide, N-terminal coiled-coil domain and the C-terminal fibrinogen (FBN)-like domain. Angptl3 also acts as dual inhibitor of lipoprotein lipase (LPL) and endothelial lipase (EL), and increases plasma triglyceride and HDL cholesterol in rodents. ANGPTL3 inhibit endothelial lipase to catalyze HDL-phospholipid and increase HDL-PL levels.

## Application Notes

Optimal dilution of the ANGPTL3 antibody should be determined by the researcher.

## Immunogen

Amino acids RFAMLDDVKILANGLLQLGHGLKDFVHKTKGQINDIFQKLN from the human protein were used as the immunogen for the ANGPTL3 antibody.

## Storage

After reconstitution, the ANGPTL3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.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