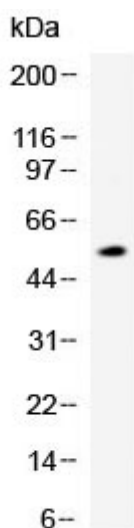


ANGPTL4 Antibody (R32788)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| R32788 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity |
| Buffer | Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide |
| UniProt | Q9BY76 |
| Applications | Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (human protein tested; request BSA-free format for coating) |
| Limitations | This ANGPTL4 antibody is available for research use only. |



Western blot testing of recombinant human ANGPTL4 protein (1ng/lane) with ANGPTL4 antibody at 0.5ug/ml. Expected molecular weight: 50-55 kDa.

Description

Angiopoietin-related protein 4 (Angptl4) is a protein that in humans is encoded by the ANGPTL4 gene. This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. And this gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. By radiation hybrid analysis, Angptl4 gene is mapped to 19p13.3. ANGPTL4 contributed to tumor growth and protected cells from anoikis, a form of programmed cell death induced when contact-dependent cells detach from the surrounding tissue matrix.

Application Notes

Optimal dilution of the ANGPTL4 antibody should be determined by the researcher.

Immunogen

Amino acids 369-406 (QQRQKLKKGIFWKTWRGRYYPLQATTMLIQPMAAEAAAS) from the human protein were used as the immunogen for the ANGPTL4 antibody.

Storage

After reconstitution, the ANGPTL4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.