

ANGPTL3 Rabbit pAb

CatalogNo: YT7793

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 51kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000**ELISA 1:5000-20000**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human ANGPTL3 AA range: 50-130**Specificity** This antibody detects endogenous levels of Human ANGPTL3

Target Information

Gene name ANGPTL3 ANGPT5 UNQ153/PRO179

Protein Name Angiopoietin-related protein 3

Organism	Gene ID	UniProt ID
Human	27329;	Q9Y5C1;
Mouse	30924;	Q9R182;

Cellular Localization Secreted . Cell projection, lamellipodium . Colocalized with HSPG2 and activated ITGB3 on podocytes. .

Tissue specificity Expressed principally in liver. Weakly expressed in kidney. Binds to adipocytes. Increased expression and colocalization with activated ITGB3 in glomeruli of patients with nephrotic syndrome showing effaced podocyte foot processes (at protein level).

Function blood vessel development, vasculature development, glycerol metabolic process, fatty acid metabolic process, phospholipid metabolic process, cell adhesion, cell-matrix adhesion, cell surface receptor linked signal transduction, integrin-mediated signaling pathway, steroid metabolic process, cholesterol metabolic process, phospholipid catabolic process, regulation of catabolic process, positive regulation of catabolic process, regulation of phospholipase activity, negative regulation of phospholipase activity, lipid localization, lipid catabolic process, sterol metabolic process, regulation of lipid metabolic process, alditol metabolic process, organophosphate metabolic process, polyol metabolic process, lipid storage, biological adhesion, regulation of cell migration, positive regulation of cell migration, cell-substrate adhesion, regulation of locomotion, positive regulation of locomotion, homeostatic process, cholesterol homeostasis, negative regulation of catalytic activity, negative regulation of molecular function, cellular lipid catabolic process, regulation of angiogenesis, positive regulation of angiogenesis, positive regulation of lipid metabolic process, blood vessel morphogenesis, artery morphogenesis, chemical homeostasis, regulation of lipid catabolic process, positive regulation of lipid catabolic process, regulation of lipoprotein lipase activity, negative regulation of lipoprotein lipase activity, positive regulation of developmental process, regulation of cell motion, positive regulation of cell motion, regulation of hydrolase activity, negative regulation of hydrolase activity, lipid homeostasis, acylglycerol homeostasis, phospholipid homeostasis, sterol homeostasis, regulation of lipase activity, negative regulation of lipase activity,

| Validation Data

| Contact information

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