

39-2123: Anti-APLP2 Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	APLP2
Gene ID :	334
Uniprot ID :	Q06481
Alternative Name :	Amyloid-like protein 2; APLP-2; APPH; Amyloid protein homolog; CDEI box-binding protein; CDEBP; APLP2; APPL2
Isotype :	Rabbit IgG

Description

APLP2(Amyloid beta(A4) precursor-like protein 2), also known as CDEBP or SPERM MEMBRANE PROTEIN, is a protein that in humans is encoded by the APLP2 gene. The APLP2 gene is mapped on 11q24.3. The human amyloid precursor-like protein APLP2 is a highly conserved homolog of a sequence-specific DNA-binding mouse protein with an important function in the cell cycle. APLP2 along with APLP1 are important modulators of glucose and insulin homeostasis. APLP2 associates with antigen presentation molecules like MHC class I molecules and regulates their surface expression by enhancing endocytosis.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ . Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

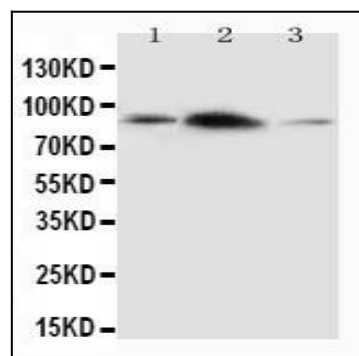


Figure 1: Anti-APLP2 antibody(39-2123). Western blotting: Lane 1: Rat Brain Tissue Lysate, Lane 2: Rat Heart Tissue Lysate, Lane 3: SMMC Cell Lysate.