bs-9557R **[Primary Antibody]**

GLTPD2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 388323 **SWISS:** A6NH11

Target: GLTPD2

Immunogen: KLH conjugated synthetic peptide derived from human GLTPD2: 171-270/291.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

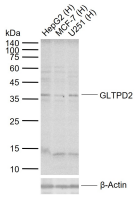
Background: The GLTP (glycolipid transfer protein) superfamily is defined by a unique lipid transfer/binding fold (GLTP fold) that accelerate glycolipid intermembrane transfer. GLTPD2 is a 291 amino acid protein that belongs to the GLTP family. The gene encoding GLTPD2 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, p53 and BRCA1. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth are both linked to mutations on chromosome 17. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)

Predicted MW.: 32 kDa

VALIDATION IMAGES



Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human U251 cell lysates Primary: Anti-GLTPD2 (bs-9557R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kDa Observed band size: 36 kDa