



LAR Polyclonal Antibody

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|----------|---------|-------|--------|-------------|---|
| Catalog: | BS65688 | Host: | Rabbit | Reactivity: | Hu-man, Mouse, Rat, Dog, Cow, Horse, Rabbit, Sheep, |
|----------|---------|-------|--------|-------------|---|

BackGround:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains three Ig-like domains, and nine non-Ig like domains similar to that of neural-cell adhesion molecule. This PTP was shown to function in the regulation of epithelial cell-cell contacts at adherents junctions, as well as in the control of beta-catenin signaling. An increased expression level of this protein was found in the insulin-responsive tissue of obese, insulin-resistant individuals, and may contribute to the pathogenesis of insulin resistance. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported. [provided by RefSeq, Jul 2008]

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and

50% Glycerol.

Molecular Weight:

210 kD

Swiss-Prot:

P10586

Purification&Purity:

affinity purified by Protein A

Applications:

Flow-Cyt=1ug/Test

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

LAR Polyclonal Antibody detects endogenous levels of LAR protein.

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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