
VLK Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254203

Unit: 0.1 mg

Description:

VLK was identified as a novel protein kinase that was induced after the differentiation of cultured embryonic stem cells into mesendoderm. It has no homologs in invertebrates, but is highly conserved in vertebrate species although it does not belong to any known protein kinase groups. VLK is initially expressed in E-cadherin-positive anterior visceral endoderm and mesendoderm, but its expression is later confined to E-cadherin-negative mesenchyme. It is enriched in the Golgi apparatus and is thought to regulate the rate of protein export from the Golgi. Targeted disruption of VLK in mice leads to a defect in lung development and neonatal lethality. It has been suggested that mutations in VLK may be associated with the allergic condition atopy.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: VLK; Vertebrate lonesome kinase; protein kinase domain containing cytoplasmic homolog; PKDCC; SGK439

Accession No.: BAH66379

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human VLK.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.