

Notch 2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251992

Unit: 0.1 mg

Description:

Neurogenic locus notch homolog protein 2 (Notch 2) functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD), Notch 2 forms a transcriptional activator complex with RBP-J kappa and activates genes of the enhancer of split locus. Notch 2 affects the implementation of differentiation, proliferation and apoptotic programs. Defects in Notch 2 are the cause of Alagille syndrome type 2 (ALGS2). Alagille syndrome is an autosomal dominant multisystem disorder defined clinically by hepatic bile duct paucity and cholestasis in association with cardiac, skeletal, and ophthalmologic manifestations. There are characteristic facial features and less frequent clinical involvement of the renal and vascular systems.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

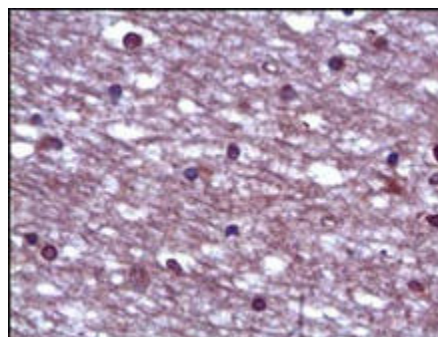
Format: Each vial contains 0.1 mL of crude serum with 0.09% sodium azide.

Alternate Names: Neurogenic locus notch homolog protein 2; Notch 2; hN2; NOTCH2

Accession No.: Q04721

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Notch 2.

Application Notes: E: 1:10,000-1:50,000; WB: 1:500-1:1,000; IHC: 1:100-1:500



Notch 2 staining in human brain. Paraffin-embedded human brain is stained with Notch 2 Antibody (Cat. No. 251992) used at 1:100 dilution.

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.