

Trop-2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251611

Unit: 0.1 mg

Description:

TROP-2, also called tumor associated calcium signal transducer 2 (TACSTD2), gp50 and T16, is a type I cell surface glycoprotein that is highly expressed on human carcinomas. (Trop-2) is necessary for tumorigenesis and invasiveness of colon cancer cells, as both are inhibited when Trop-2 expression is suppressed by RNA interference. Defects in trop-2 are the cause of gelatinous drop-like corneal dystrophy (GDLD) also known as lattice corneal dystrophy type III. GDLD is an autosomal recessive disorder characterized by grayish corneal amyloid deposits that cause severe visual impairment.

Isotype: Rabbit Ig

Applications: E, IHC, WB

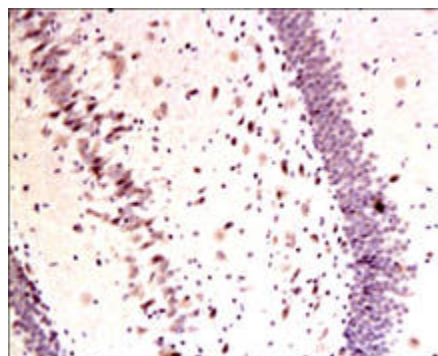
Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and antigen affinity chromatography.

Alternate Names: Trop-2; Tumor-associated calcium signal transducer 2; Pancreatic carcinoma marker protein GA733-1; Cell surface glycoprotein Trop-2; Membrane component chromosome 1 surface marker 1; TACSTD2; GA733-1; M1S1; TROP2

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human trop-2.

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



Trop-2 staining in rat hippocampus. Paraffin-embedded rat hippocampus are stained with Trop-2 Antibody (Cat. No. 251611) used at 1:200 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.