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EB06549 - Goat Anti-PICT1 / GLTSCR2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: GLTSCR2, PICT1, glioma tumor suppressor candidate region gene 2, protein interacting with carboxyl terminus 1
Official Symbol: GLTSCR2
Accession Number(s): NP_056525.2
Human GeneID(s): 29997
Non-Human GeneID(s): 68077 (mouse), 292624 (rat)
Important Comments: This antibody is expected to recognise a sequence corresponding to aa 38-51 of human PICT1 protein.

Immunogen

Peptide with sequence CRRGPRNKKRGWRRL, from the internal region of the protein sequence according to NP_056525.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Preliminary experiments gave an approx 16-18kDa band in human heart, liver and breast cancer lysates after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 54.4kDa according to NP_056525.1. The 16-18kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow