



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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.

### Species Reactivity

**Tested:**

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