

## Goat anti-PICT1 / GLTSCR2 Antibody

Item Number	dAP-1054
Target Molecule	Principle Name: PICT1 / GLTSCR2; Official Symbol: GLTSCR2; All Names and Symbols: GLTSCR2; PICT1; glioma tumor suppressor candidate region gene 2; protein interacting with carboxyl terminus 1; PICT-1; Accession Number (s): NP_056525.2; Human Gene ID(s): 29997; Non-Human GenID(s): 68077 (mouse) 292624 (rat)
Immunogen	CRRGPRNKKRGWRRL, is from internal region This antibody is expected to recognise a sequence corresponding to aa 38-51 of human PICT1 protein.
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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
IHC	
Reference	Reference(s): Okahara F, Ikawa H, Kanaho Y, Maehama T. Regulation of PTEN phosphorylation and stability by a tumor suppressor candidate protein. <i>J Biol Chem.</i> 2004 Oct 29;279(44):45300-3. Epub 2004 Sep 07. PMID: 15355975 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**