

Goat anti-BCAR1 Antibody

Item Number	dAP-2928
Target Molecule	Principle Name: BCAR1; Official Symbol: BCAR1; All Names and Symbols: BCAR1; breast cancer anti-estrogen resistance 1; CAS; CAS1; CASS1; CRKAS; P130Cas; Cas scaffolding protein family member 1; Crk-associated substrate p130Cas; breast cancer anti-estrogen resistance protein 1; Accession Number (s): NP_001164185.1; NP_001164186.1; NP_001164187.1; NP_001164188.1; NP_001164189.1; NP_055382.2; NP_001164190.1; NP_001164191.1; NP_001164192.1; Human Gene ID(s): 9564; Non-
Immunogen	KQTSTFSKQTPHH, is from internal region This antibody is expected to recognize reported isoforms 1, 2, 3, 5, 6 and 7.
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 128000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of Human breast cancer and of cell line MCF7 (calculated MW of 97.9kDa according to NP_001164185.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Uterus shows strong staining at the glandular side of the endometrial epithelium. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Huang W, Deng B, Wang RW, Tan QY, He Y, Jiang YG, Zhou JH. BCAR1 protein plays important roles in carcinogenesis and predicts poor prognosis in non-small-cell lung cancer. PloS one 2012 7 (4): e36124.. PMID: 22558353->

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**