

## Goat anti-BCAR1 Antibody

<b>Item Number</b>	dAP-2928
<b>Target Molecule</b>	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-
<b>Immunogen</b>	KQTSTFSKQTPHH, is from internal region This antibody is expected to recognize reported isoforms1, 2, 3, 5, 6 and 7.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Uterus shows strong staining at the glandular side of the endometrial epithelium. Recommended concentration, 5-10µg/ml.
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**