

Goat anti-BRD4 Antibody

Item Number	dAP-3468
Target Molecule	Principle Name: BRD4; Official Symbol: BRD4; All Names and Symbols: BRD4; bromodomain containing 4; CAP; HUNK1; HUNKI; MCAP; bromodomain-containing 4; bromodomain-containing protein 4; chromosome-associated protein; Accession Number (s): NP_490597.1; NP_055114.1; Human Gene ID(s): 23476; Non-Human GeneID(s):
Immunogen	PETSNPNKPKRQTNQ, is from internal region (near N Terminus) This antibody is expected to recognize both reported isoforms (NP_490597.1; NP_055114.1).
Applications	Pep ELISA, WB Species Tested: Mouse
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 8000.
Western Blot	Western Blot: Approx 150kDa band observed in Mouse Testis lysates (calculated MW of 155.8kDa according to Mouse NP_065254.3). Recommended concentration: 0.5 -2µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Crawford NP, Alsarraj J, Lukes L, Walker RC, Officewala JS, Yang HH, Lee MP, Ozato K, Hunter KW. Bromodomain 4 activation predicts breast cancer survival. Proc. Natl. Acad. Sci. U.S.A. 2008 Apr 105 (17): 6380-5..PMID: 18427120->

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**