

## Goat anti-CRTC2 (aa542-553) Antibody

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|-----------------|---|
| Item Number     | dAP-2879  |
| Target Molecule | Principle Name: CRTC2 (aa542-553); Official Symbol: CRTC2; All Names and Symbols: CRTC2; CREB-regulated transcription coactivator 2; TORC2; CREB-regulated transcription coactivator 2; OT-THUMP0000035255; TORC-2; transducer of CREB protein 2; transducer of regulated cAMP response element-binding protein (CREB) 2; transducer of regulated; Accession Number (s): NP_859066.1; Human Gene ID(s): 200186; Non-Human GenID(s): |
| Immunogen       | HGQQSYHRPMSD, is from internal region   |
| Applications    | Pep ELISA, WB<br>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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| Peptide ELISA   | Peptide ELISA: antibody detection limit dilution 1 to 64000.  |
| Western Blot    | Western Blot: Approx 75 to 80kDa band observed in lysates of cell line HeLa (calculated MW of 73.3kDa according to NP_859066.1). Recommended concentration: 1-3µg/ml.   |
| IHC             |   |
| Reference       | Reference(s): Sherman MH, Kuraishi AI, Deshpande C, Hong JS, Cacalano NA, Gatti RA, Manis JP, Damore MA, Pellegrini M, Teitel MA, AID-induced genotoxic stress promotes B cell differentiation in the germinal center via ATM and LKB1 signaling. Molecular cell 2010 Sep 39 (6): 873-85.. PMID: 20864035->   |

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**