

Goat anti-XAB2 / HCNP Antibody

Item Number dAP-0531

Target Molecule Principle Name: XAB2 / HCNP; Official Symbol: XAB2; All Names and Symbols: XAB2; HCNP; XPA binding protein 2; HCRN; crn-related protein kim1; DKFZp762C1015; NTC90; SYF1; SYF1 homolog, RNA splicing factor; Accession Number (s): NP_064581.2; Human Gene ID(s): 56949; Non-Human GeneID(s):

Immunogen SVPAAVFGSLKED, is from C Terminus

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 8000.

Western Blot Western Blot: Approx 90kDa band observed in human fibroblast A431 lysates (calculated MW of 100kDa according to NP_064581.2). Recommended concentration: 0.3-1µg/ml.

IHC Immunohistochemistry: In paraffin embedded Human Brain (Cerebral Cortex) shows nuclear staining. Recommended concentration, 3-4µg/ml.

Reference Reference(s): Nakatsu Y, Asahina H, Citterio E, Rademakers S, Vermeulen W, Kamiuchi S, Yeo JP, Khaw MC, Saijo M, Kodo N, Matsuda T, Hoeijmakers JH, Tanaka K. XAB2, a novel tetratricopeptide repeat protein involved in transcription-coupled DNA repair and transcription. *J Biol Chem.* 2000 Nov 10;275

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**