

Goat anti-RANBP16 / Exportin 7 Antibody

Item Number	dAP-0274
Target Molecule	Principle Name: RANBP16 / Exportin 7; Official Symbol: XPO7; All Names and Symbols: XPO7; Exportin 7; RANBP16; KIAA0745; RAN binding protein 16; Accession Number (s): NP_001093631.1; NP_055839; NP_001093632.1; Human Gene ID(s): 23039; Non-Human GeneID(s): 65246 (mouse)
Immunogen	NSTYGVNSNDMMMS, is from C Terminus This antibody is expected to recognise all the reported isoforms (NP_001093631.1; NP_055839; NP_001093632.1).
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 32000.
Western Blot	Western Blot: Approx 110kDa band observed in Hela lysates (predicted size of approx. 124kDa according to NP_055839). Recommended concentration: 0.5-1µg/ml
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kutay U, Hartmann E, Treichel N, Calado A, Carmo-Fonseca M, Prehn S, Kraft R, Gorlich D, Bischoff FR. Identification of two novel RanGTP-binding proteins belonging to the importin beta superfamily. J Biol Chem. 2000 Dec 22;275(51):40163-8..PMID: 11024021 ->

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**