For research purposes only, not for human use

Product Data Sheet

Anti-CUBN Antibody

Catalog #	Source	Reactivity	Applications
CPA4380	Rabbit	H	WB, IH

Description	Rabbit polyclonal antibody to CUBN
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CUBN. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CUBN protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	CUBN
Alternative Names	IFCR; Cubilin; 460 kDa receptor; Intestinal intrinsic factor receptor; Intrinsic factor-cobalamin receptor; Intrinsic factor-vitamin B12 receptor
Entrez Gene	8029 (Human)
SwissProt	O60494 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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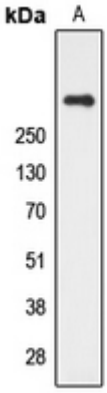
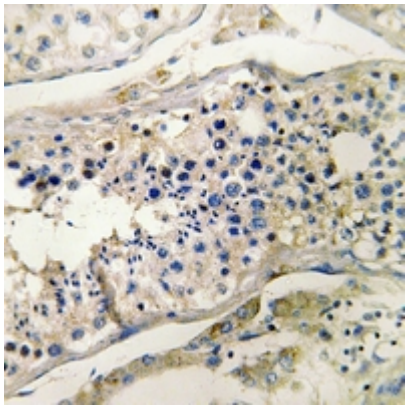


Western blot analysis of CUBN expression in human kidney (A) whole cell lysates. (Predicted band size: 398 kD; Observed band size: 398 kD)



Immunohistochemical analysis of CUBN staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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