For research purposes only, not for human use

Product Data Sheet

Anti-Borealin Antibody

Catalog #	Source	Reactivity	Applications
CQA2349	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to Borealin
Immunogen	Recombinant full length protein of human Borealin
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Borealin 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 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	CDCA8
Alternative Names	PESCRG3; Borealin; Cell division cycle-associated protein 8; Dasra-B; hDasra-B; Pluripotent embryonic stem cell-related gene 3 protein
Entrez Gene	55143 (Human); 52276 (Mouse); 500545 (Rat)
SwissProt	Q53HL2 (Human); Q8BHX3 (Mouse); Q6AXW0 (Rat)
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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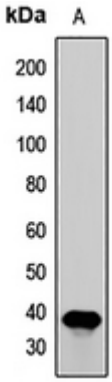
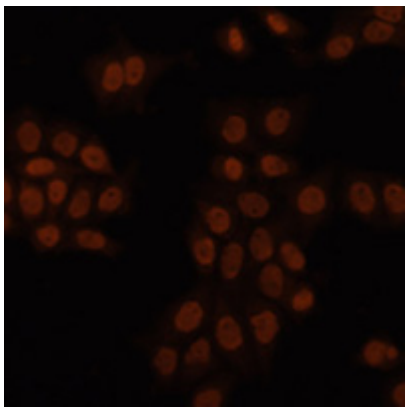


Western blot analysis of Borealin expression in HEK293T (A) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 38 kD)



Immunohistochemical analysis of Borealin staining in human lung cancer 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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