For research purposes only, not for human use

Product Data Sheet

Anti-Nesprin 2 Antibody

Catalog #	Source	Reactivity	Applications
CQA9567	Rabbit	H	WB, IH

Description	Rabbit polyclonal antibody to Nesprin 2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Nesprin 2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Nesprin 2 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	SYNE2
Alternative Names	KIAA1011; NUA; Nesprin-2; Nuclear envelope spectrin repeat protein 2; Nucleus and actin connecting element protein; Protein NUANCE; Synaptic nuclear envelope protein 2; Syne-2
Entrez Gene	23224 (Human)
SwissProt	Q8WXH0 (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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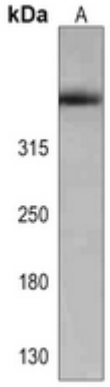
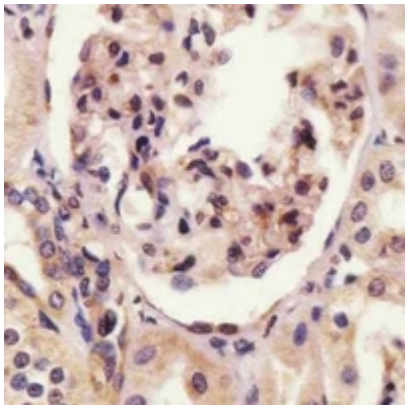


Western blot analysis of Nesprin 2 expression in Human liver (A) whole cell lysates. (Predicted band size: 796 kD; Observed band size: 796 kD)



Immunohistochemical analysis of Nesprin 2 staining in human kidney 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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