For research purposes only, not for human use

Product Data Sheet

Anti-INSIG2 Antibody

Catalog #	Source	Reactivity	Applications
CQA4788	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to INSIG2
Immunogen	KLH-conjugated synthetic peptide of human INSIG2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of INSIG2 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	INSIG2
Alternative Names	Insulin-induced gene 2 protein; INSIG-2
Entrez Gene	51141 (Human); 72999 (Mouse)
SwissProt	Q9Y5U4 (Human); Q91WG1 (Mouse)
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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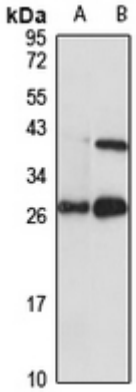
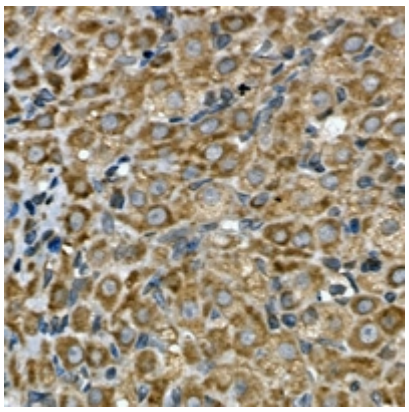


Western blot analysis of INSIG2 expression in HEK293T (A), mouse brain (B) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 30 kD)



Immunohistochemical analysis of INSIG2 staining in rat ovary 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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