

INSIG2 Polyclonal Antibody

catalog number: E-AB-92163

Note: Centrifuge before opening to ensure complete recovery of vial contents.

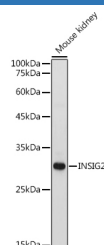
Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human INSIG2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

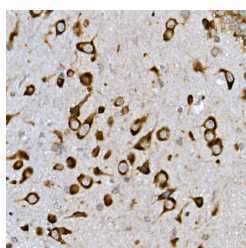
WB	1:500-1:2000
IHC	1:50-1:200

Data

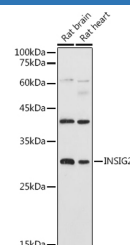


Western blot analysis of extracts of Mouse kidney using INSIG2 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:30 kDa
Calculated-MV:24 kDa

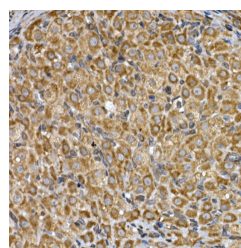


Immunohistochemistry of paraffin-embedded mouse brain using INSIG2 Polyclonal Antibody at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western blot analysis of extracts of various cell lines using INSIG2 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:30 kDa
Calculated-MV:24 kDa



Immunohistochemistry of paraffin-embedded rat ovary using INSIG2 Polyclonal Antibody at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

The protein encoded by this gene is highly similar to the protein product encoded by gene INSIG1. Both INSIG1 protein and this protein are endoplasmic reticulum proteins that block the processing of sterol regulatory element binding proteins (SREBPs) by binding to SREBP cleavage-activating protein (SCAP), and thus prevent SCAP from escorting SREBPs to the Golgi.