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Product Data Sheet

Anti-GH1 Antibody

Catalog #	Source	Reactivity	Applications
CPA9687	Mouse	H	IH

Description	Mouse monoclonal antibody to GH1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human GH1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GH1 protein.
Clonality	Monoclonal
Conjugation	
Form	Mouse IgG. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Dilution	IH (1/100 - 1/300)
Gene Symbol	GH1
Alternative Names	Somatotropin; Growth hormone; GH; GH-N; Growth hormone 1; Pituitary growth hormone
Entrez Gene	2688 (Human)
SwissProt	P01241 (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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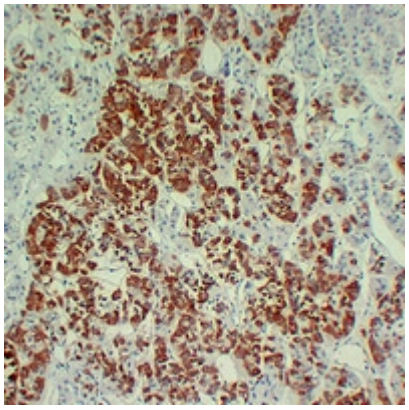
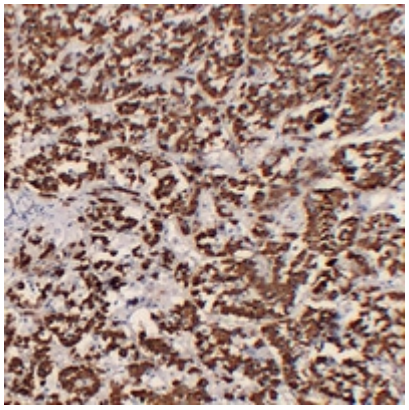


Immunohistochemical analysis of GH1 staining in human hyperprolaceinemia formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated



Immunohistochemical analysis of GH1 staining in human pituitary 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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