

Rabbit GH1 Polyclonal Antibody | anti-GH1 antibody

GH1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170692	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

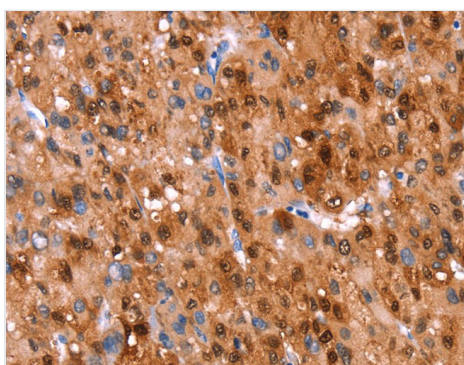
PRODUCT SYNONYMS

GH1; Polyclonal Antibody; GH1 Polyclonal Antibody; GH; GHN; GH-N; hGH-N; IGHD1B; anti-GH1 antibody

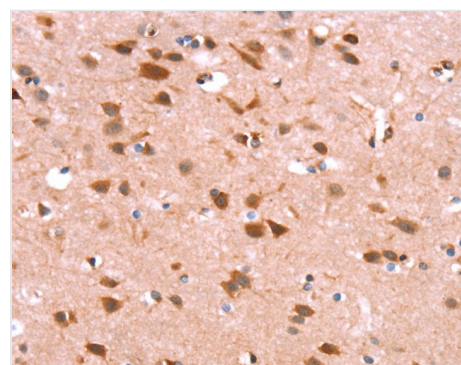
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2mg/mL (varies by lot)
Sequence Length	339
Applicable Applications for anti-GH1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human GH1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

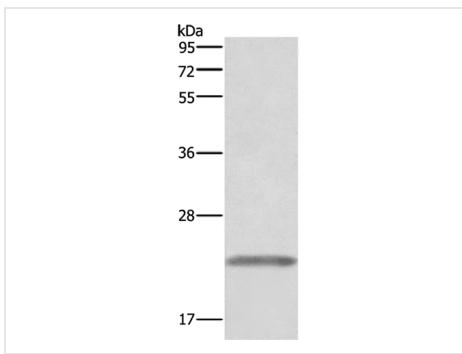
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer using GH1 Polyclonal Antibody at dilution of 1:40


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human brain using GH1 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Human placenta tissue using GH1 Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-GH1 antibody

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature.

Product Categories/Family for anti-GH1 antibody

[Epigenetics](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	2388689
NCBI GeneID	547502
Molecular Weight	36,477 Da
NCBI Official Full Name	GH1 protein, partial
NCBI Official Symbol	GH1
NCBI Protein Information	GH1 protein
UniProt Protein Name	Auxin-induced protein
UniProt Gene Name	GH1
UniProt Entry Name	O22465_SOYBN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gh1-antibody-immunohistochemistry-western-blot-elisa/170692>