

Rabbit IGSF1 Polyclonal Antibody | anti-IGSF1 antibody

IGSF1 Antibody (C-term)

CATALOG # AAA286650	HOST Rabbit	REACTIVITY Human, Mouse Predicted Reactivity: Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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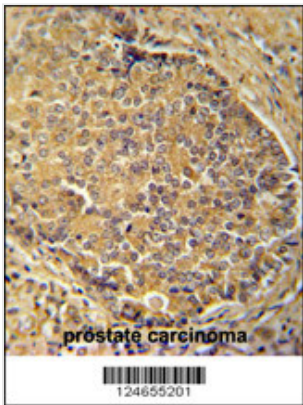
PRODUCT SYNONYMS

IGSF1; Polyclonal Antibody; IGSF1 Antibody (C-term); Immunoglobulin superfamily member 1; IgSF1; Immunoglobulin-like domain-containing protein 1; Inhibin-binding protein; InhBP; Pituitary gland-specific factor 2; p120; IGDC1; KIAA0364; PGSF2; anti-IGSF1 antibody

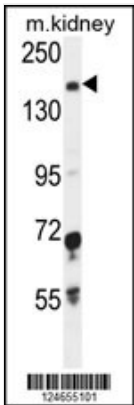
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This IGSF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1270-1297 amino acids from the C-terminal region of human IGSF1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	1270-1297
Applicable Applications for anti-IGSF1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Function	Seems to be a coreceptor in inhibin signaling, but seems not to be a high-affinity inhibin receptor. Antagonizes activin A signaling in the presence or absence of inhibin B (By similarity). Necessary to mediate a specific antagonistic effect of inhibin B on activin-stimulated transcription.
Cellular Location	[Isoform 1]: Membrane; Multi-pass membrane protein [Isoform 3]: Secreted.
Tissue Location	Highly expressed in pancreas, testis and fetal liver. Moderately expressed in heart, prostate and small intestine. Expressed at very low levels in brain, thymus, ovary, colon, fetal lung and fetal kidney. Expressed in muscle. Isoform 3 is expressed in pituitary gland.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
IGSF1 antibody (C-term)(AAA286650) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IGSF1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IGSF1 Antibody (C-term)(AAA286650) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the IGSF1 antibody detected the IGSF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IGSF1 antibody	This gene encodes a member of the immunoglobulin-like domain-containing superfamily. Proteins in this superfamily contain varying numbers of immunoglobulin-like domains and are thought to participate in the regulation of interactions between cells. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-IGSF1 antibody	Signal Transduction
References	Robakis, T., et al. J. Biol. Chem. 283(52):36369-36376(2008) Nakayama, M., et al. Genome Res. 12(11):1773-1784(2002) Tanaka, S., et al. J. Mol. Endocrinol. 28(1):33-44(2002) Gui, Y., et al. J. Clin. Endocrinol. Metab. 86(5):2104-2110(2001) Chapman, S.C., et al. Mol. Endocrinol. 15(4):668-679(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	283436131
NCBI GeneID	3547
NCBI Accession #	NP_001164432.1; NP_001164433.1; NP_001164434.1; NP_001546.2; NP_991402.1
NCBI GenBank Nucleotide #	NM_001170961.1
UniProt Accession #	Q8N6C5; O15070; Q9NTC8; B5MEG2; H9KV64
Molecular Weight	148936
NCBI Official Full Name	immunoglobulin superfamily member 1 isoform 3
NCBI Official Synonym Full Names	immunoglobulin superfamily, member 1
NCBI Official Symbol	IGSF1
NCBI Official Synonym Symbols	CHTE; p120; IGCD1; IGDC1; INHBP; PGSF2
NCBI Protein Information	immunoglobulin superfamily member 1
UniProt Protein Name	Immunoglobulin superfamily member 1

UniProt Gene Name	IGSF1
UniProt Synonym Gene Names	IGDC1; KIAA0364; PGSF2; IgSF1; InhBP
UniProt Entry Name	IGSF1_HUMAN

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/igsf1-antibody-immunohistochemistry-western-blot-elisa/286650>