



Rabbit Anti-HAI-1 antibody

SL0540R

Product Name:	HAI-1
Chinese Name:	肝细胞生长因子激活物抑制剂/HGFA Inhibitor 1抗体
Alias:	Hepatocyte Growth Factor Activator Inhibitor 1; Spint1; Hai1; HGFA Inhibitor 1; HAI-1; SPIT1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HAI-1:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	HGFA Inhibitor 1 is an endogenous inhibitor of the kunitz-type serine proteinase HGF-activator (HGFA). HGF was first described as a hepatocyte-specific mitogen and survival factor, and has since been shown to exert a variety of actions on many cell types by binding to its MET receptor. HGF is activated by cleavage of the single-chain form to form a two-chain version by HGFA. HGFA Inhibitor 1 also inhibits trypsin, and MTSP-1 (Matriptase), a serine proteinase that also activates HGF. HGFB Inhibitor 1 is

a splice variant of HGFA Inhibitor 1, and contains a 16 amino acid insert after the first kringle domain, relative to the HGFA Inhibitor 1 sequence.

Function:

Inhibitor of HGF activator. Also acts as an inhibitor of matriptase (ST14).

Subunit:

Interacts with HGFAC.

Subcellular Location:

Secreted.

Similarity:

Contains 2 BPTI/Kunitz inhibitor domains.

Contains 1 LDL-receptor class A domain.

Contains 1 MANSC domain.

SWISS:

O43278

Gene ID:

6692

Database links:

[Entrez Gene: 6692](#)Human

[Omim: 605123](#)Human

[SwissProt: O43278](#)Human

[Unigene: 233950](#)Human

Important Note:

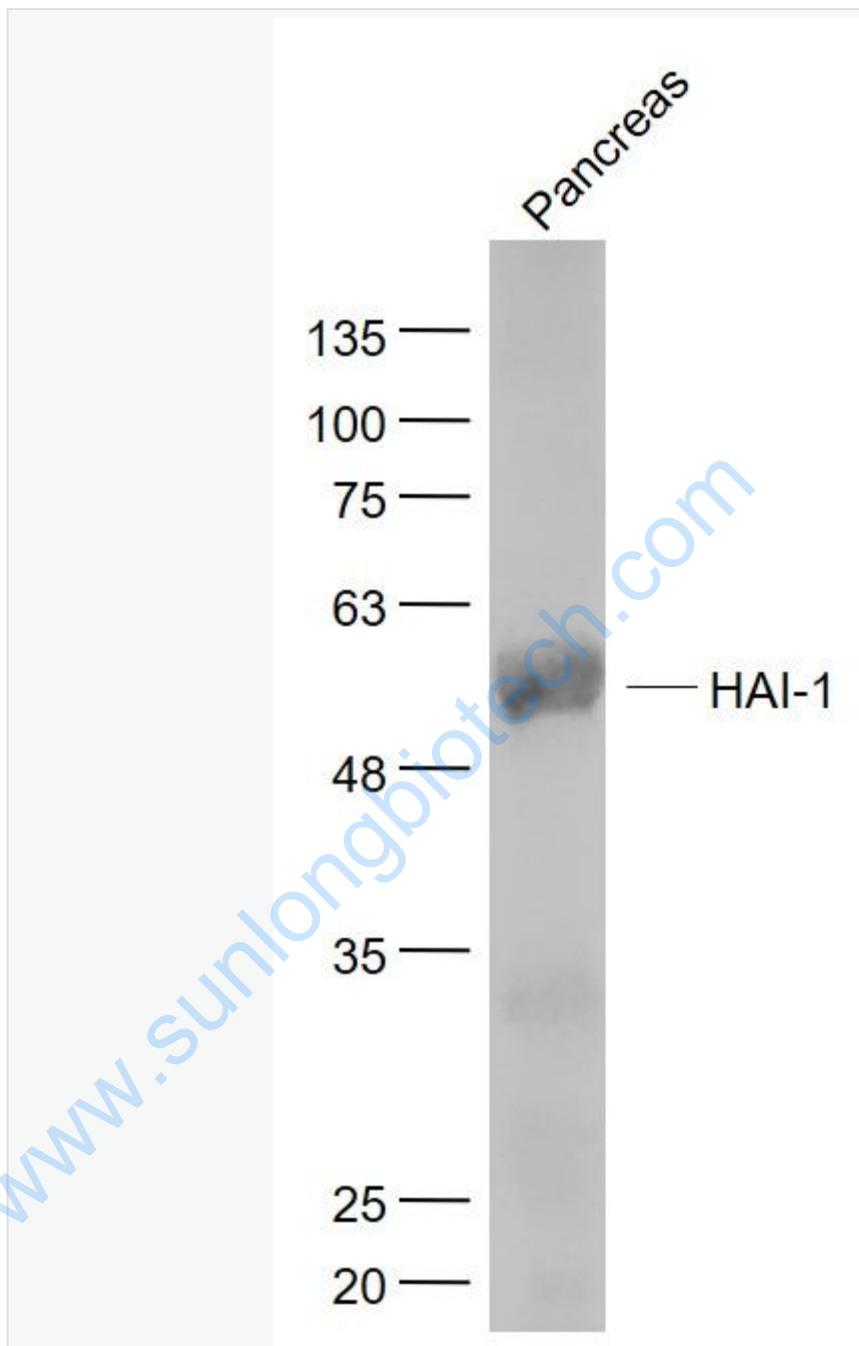
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

HAI-1 是一种含两个 Kunitz 域的Transmembrane protein, 可抑制由The cell membrane分泌的并且以游离形式存在的 HGFA 。 HAI-1

也可以作用于其它丝氨酸蛋白酶。

HAI-1 主要在胎盘、肾、胰腺、前列腺和小肠, 也有报道称 HAI-1 会在肝癌中表达。

Picture:



Sample:

Pancreas (Mouse) Lysate at 40 ug

Primary: Anti- HAI-1 (SL0540R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

	<p>Predicted band size: 55 kD</p>
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	<p>Observed band size: 55 kD</p>
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