

## • Rabbit Anti-HAI-1 Polyclonal Antibody

### Primary Antibodies

#### Background:

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.

#### Source/Purification:

KLH conjugated synthetic peptide derived from human HAI-1 C-terminus. Was purified by Protein A and peptide affinity chromatography.

**Storage:** Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

#### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

**Reactivities:** Human, Mouse, Rat,

#### Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications.  
Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 58kDa

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.