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Datasheet for ABIN5004485

## anti-Hepsin antibody (AA 311-417) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	Hepsin (HPN)
Binding Specificity:	AA 311-417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hepsin antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Hepsin
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Hepsin (HPN)
Alternative Name:	Hepsin ( <a href="#">HPN Products</a> )

## Target Details

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**Background:** Synonyms: HEPS, HEPS\_HUMAN, Hepsin, HPN, Serine protease hepsin, Serine protease hepsin catalytic chain, Serine protease hepsin non catalytic chain, TMPRSS 1, TMPRSS1, Transmembrane protease serine 1.

Background: This gene encodes a type II transmembrane serine protease. The encoded protein has an extracellular region that consists of two domains, a catalytic serine protease domain and a non-catalytic scavenger receptor cysteine-rich domain. This protein may be involved in diverse cellular functions including blood coagulation, maintenance of cell morphology and the growth and progression of certain cancers, particularly prostate cancer. Alternative splicing results in multiple transcript variants.

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**Gene ID:** 3249

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**Pathways:** [Regulation of Hormone Metabolic Process](#), [Sensory Perception of Sound](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months