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Datasheet for ABIN904243

## anti-SERPINA4 antibody (AA 161-220) (AbBy Fluor® 350)

### Overview

Quantity:	100 µL
Target:	SERPINA4
Binding Specificity:	AA 161-220
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA4 antibody is conjugated to AbBy Fluor® 350
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 KLST/Kallistatin (161-220aa)
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	SERPINA4
Alternative Name:	KLST ( <a href="#">SERPINA4 Products</a> )

## Target Details

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**Background:** Synonyms: Serpin peptidase inhibitor clade A member 4, Kallikrein binding protein, Kallikrein inhibitor, Protease inhibitor 4, Serpin A4, KAL, Kallikrein binding protein, Kallikrein inhibitor, KBP, KLST, KST, MGC108582, PI4, Protease inhibitor 4, Serpin A4, Serpin peptidase inhibitor clade A member 4, SERPINA4, KAIN\_HUMAN.

Background: Kallistatin is a serine proteinase inhibitor which binds to tissue kallikrein and inhibits its amidolytic and kininogenase activity. Inhibition is achieved by formation of an equimolar, heat- and SDS-stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein. Heparin blocks kallistatin's complex formation with tissue kallikrein and abolishes its inhibitory effect on tissue kallikrein's activity.

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**Gene ID:** 5267

## 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