

Product datasheet

Anti-Kallistatin / PI-4 antibody ab85231

1 Image

Overview

Product name	Anti-Kallistatin / PI-4 antibody
Description	Rabbit polyclonal to Kallistatin / PI-4
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Kallistatin/ PI-4 (C terminal) conjugated to keyhole limpet haemocyanin. Database link: NP_006206
Positive control	NCI-H460 cell line lysate.
General notes	Previously labelled as Kallistatin.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Ammonium Sulphate Precipitation
Purification notes	ab85231 is prepared by Saturated Ammonium Sulphate (SAS) precipitation followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab85231** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

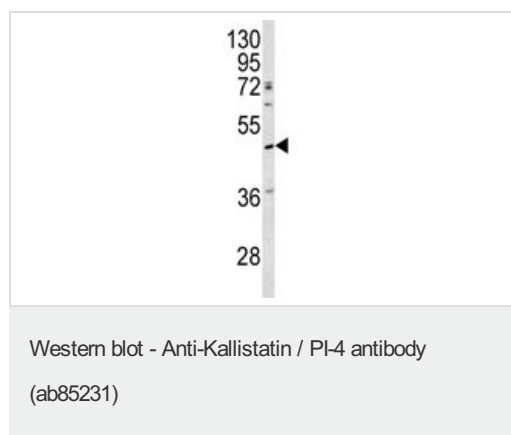
Application	Abreviews	Notes

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WB		1/50 - 1/100. Detects a band of approximately 49 kDa (predicted molecular weight: 49 kDa).
ELISA		1/1000.

Target

Function	Inhibits human amidolytic and kininogenase activities of tissue kallikrein. 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.
Tissue specificity	Expressed by the liver and secreted in plasma.
Sequence similarities	Belongs to the serpin family.
Post-translational modifications	The N-terminus is blocked.
Cellular localization	Secreted.

Images



Anti-Kallistatin / PI-4 antibody (ab85231) at 1/50 dilution + NCI-H460 cell line lysate at 35 µg

Predicted band size: 49 kDa

Observed band size: 49 kDa

Additional bands at: 36 kDa, 72 kDa. We are unsure as to the identity of these extra bands.

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