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# Datasheet for ABIN2774250 anti-SERPINA4 antibody (Middle Region)





#### Overview

Quantity:	100 μL
Target:	SERPINA4
Binding Specificity:	Middle Region
Reactivity:	Human, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SERPINA4
Sequence:	KGDATVFFIL PNQGKMREIE EVLTPEMLMR WNNLLRKRNF YKKLELHLPK
Predicted Reactivity:	Human: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against SERPINA4. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	SERPINA4
Alternative Name:	SERPINA4 (SERPINA4 Products)
Background:	SERPINA4 inhibits human amidolytic and kininogenase activities of tissue kallikrein. Inhibition is

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## Target Details

	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.
	Alias Symbols: KAL, KLST, KST, PI4, kallistatin, PI-4
	Protein Interaction Partner: FN1, RASA1, MAP4K2, MAPK6, ILK, NR4A1, YAE1D1, GADD45G,
	TAB1, TNFRSF14, TNNT1, KLK2, KLK1, CTSD,
	Protein Size: 427
Molecular Weight:	48 kDa
Gene ID:	5267
NCBI Accession:	NM_006215, NP_006206
UniProt:	P29622

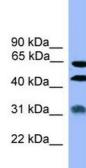
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 427 AA
Restrictions:	For Research Use only

## Handling

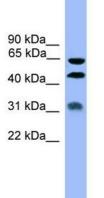
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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#### Western Blotting

Image1.WBSuggestedAnti-SERPINA4AntibodyTitration:0.2-1 ug/mlELISA Titer:1:312500Positive Control:MCF7 cell lysate



Rabbit Anti-SERPINA4 Antibody Catalog Number: ARP59241 Lot Number: QC30150 Lane: MCF7 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### Western Blotting

**Image 2.** WB Suggested Anti-SERPINA4 Antibody Titration: 0.2-1 μg/mL ELISA Titer: 1:.12500 Positive Control: MCF7 cell lysate

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