



Datasheet for ABIN2777135
anti-SERPINB4 antibody (N-Term)



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1 Image

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Overview

Quantity:	100 µL
Target:	SERPINB4
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SERPINB4
Sequence:	TSALGMVLLG AKDNTAQQIS KVLHFDQVTE NTTEKAATYH VDRSGNVHHQ
Predicted Reactivity:	Human: 100%, Rabbit: 90%
Characteristics:	This is a rabbit polyclonal antibody against SERPINB4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SERPINB4
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Target Details

Alternative Name:	SERPINB4 (SERPINB4 Products)
Background:	SERPINB4 may act as a protease inhibitor to modulate the host immune response against tumor cells. Alias Symbols: LEUPIN, PI11, SCCA-2, SCCA1, SCCA2 Protein Interaction Partner: CTSG, MAPK8, SIRT1, ESR1, COPS5, CUL2, CUL5, BTRC, CTSS, USF2, Protein Size: 390
Molecular Weight:	45 kDa
Gene ID:	6318
NCBI Accession:	NM_002974 , NP_002965
UniProt:	P48594

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 390 AA
Restrictions:	For Research Use only

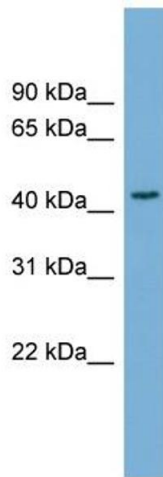
Handling

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.

Publications

Product cited in: Harden, Perez-Carrion, Babakordi, Plummer, Hepburn, Barker, Wright, Evans, Corfe: "Evaluation of the salivary proteome as a surrogate tissue for systems biology approaches to understanding appetite." in: **Journal of proteomics**, Vol. 75, Issue 10, pp. 2916-23, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-SERPINB4 Antibody Titration:
0.2-1 ug/ml Positive Control: HepG2 cell lysate