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## Datasheet for ABIN5515598 anti-POMP antibody (C-Term)



## Overview

Quantity:	100 µL
Target:	POMP
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POMP antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human POMP
Sequence:	EFKAVQQVQR LPFLSSSNLS LDVLRGNDET IGFEDILNDP SQSEVMGEPH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against POMP. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	POMP
Alternative Name:	POMP (POMP Products)

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Target Details			
Background:	The protein encoded by this gene is a molecular chaperone that binds 20S preproteasome components and is essential for 20S proteasome formation. The 20S proteasome is the proteolytically active component of the 26S proteasome complex. The encoded protein is degraded before the maturation of the 20S proteasome is complete. A variant in the 5' UTR of this gene has been associated with KLICK syndrome, a rare skin disorder.		
	Alias Symbols: POMP, C13orf12, UMP1,		
	Protein Interaction Partner: SHFM1, PSMA5, PSMA4, PSMA3, PSMA2, PSMG1, PSMB7, PSMB4 PSMB3, PSMB2, PSMA7, UBC, ECT2, DSTN, CPLX1, CD2BP2, UBE2V1, UBE2A, IGBP1, KCNA10 PSMB1, PSMA6, PSMA1, CANX, PSMG2, POMP, CUL1, PSMB10, PSMB9, PSMB8, PSMB6, PSMB5, GRB2,		
	Protein Size: 141		
Gene ID:	51371		
NCBI Accession:	NP_057016		
UniProt:	Q9Y244		
Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
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.		
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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