

Datasheet for ABIN2781088
anti-POLE4 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	POLE4
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog, Horse, Guinea Pig, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLE4 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 POLE4
Sequence:	MAAAAAAGSG TPREEEGPAG EAAASQPQAP TSVPGARLSR LPLARVKALV
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against POLE4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POLE4
Alternative Name:	POLE4 (POLE4 Products)

Target Details

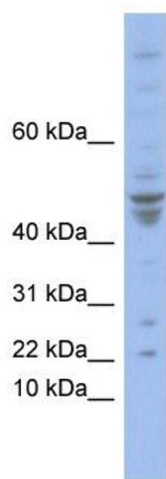
Background:	<p>POLE4 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.</p> <p>Alias Symbols: p12, YHHQ1</p> <p>Protein Interaction Partner: NFYB, gag-pol, NUP133, POLE3, MAP3K7, UBC, YEATS2, POLE4, UBE3A, HSPA13, POLE2, POLE, RAD17,</p> <p>Protein Size: 117</p>
Molecular Weight:	12 kDa
Gene ID:	56655
NCBI Accession:	NM_019896 , NP_063949
UniProt:	Q9NR33
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 117 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.



Western Blotting

Image 1. WB Suggested Anti-POLE4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: COLO205 cell lysate