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Datasheet for ABIN1682214
anti-POLI antibody (AA 50-350)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	POLI
Binding Specificity:	AA 50-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLI antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 50-350 of human POLI (NP_009126.2).
Sequence:	ASSRVIVHVD LDCFYAQVEM ISNPELKDKP LGVQQKYLTV TCNYEARKLG VKKLMNVRDA KEKCPQLVLV NGEDLTRYRE MSYKVTELE EFSPVVERLG FDENFVDLTV MVEKRLQQQLQ SDELSAVTVS GHVYNNQSIN LLDVLRHLL VGSQIAAEMR EAMYNQLGLT GCAGVASNKL LAKLVSGVFK PNQQTVLLPE SCQHLSLHSLN HIKEIPGIGY KTAKCLEALG INSVRDLQTF SPKILEKELG ISVAQRIQKL SFGEDNSPVI LSGPPQSFSE EDSFKKCSSE VEAKNKIEEL L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	POLI
Alternative Name:	POLI (POLI Products)
Background:	The protein encoded by this gene is an error-prone DNA polymerase involved in DNA repair. The encoded protein promotes DNA synthesis across lesions in the template DNA, which other polymerases cannot do. The encoded polymerase inserts deoxynucleotides across lesions and then relies on DNA polymerase zeta to extend the nascent DNA strand to bypass the lesion.,POLI,RAD30B,RAD30B,eta2,Epigenetics & Nuclear Signaling,POLI
Molecular Weight:	83 kDa
Gene ID:	11201
UniProt:	Q9UNA4
Pathways:	DNA Damage Repair

Application Details

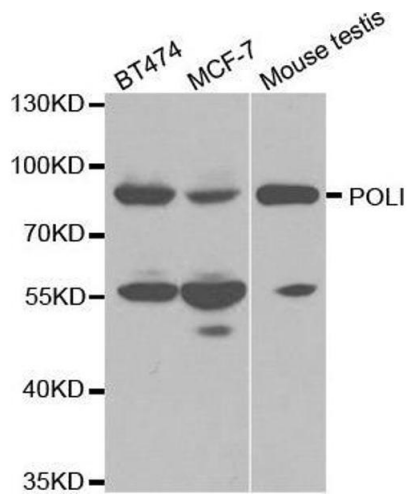
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in:	Margarucci, Monti, Cassiano, Mozzicafreddo, Angeletti, Riccio, Tosco, Casapullo: "Chemical proteomics-driven discovery of oleocanthal as an Hsp90 inhibitor." in: Chemical communications (Cambridge, England) , Vol. 49, Issue 52, pp. 5844-6, (2013) (PubMed).
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Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using POLI antibody.