

PCNA Antibody

Catalog No: #31002



Package Size: #31002-1 50ul #31002-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PCNA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	E WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total PCNA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 9-252 amino acids of Human Proliferating cell nuclear antigen
Target Name	PCNA
Other Names	Proliferating cell nuclear antigen

Application Details

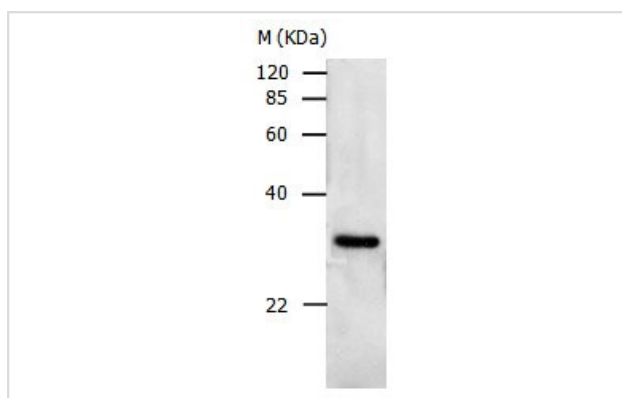
Predicted MW: 29kd

ELISA: 1:500-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



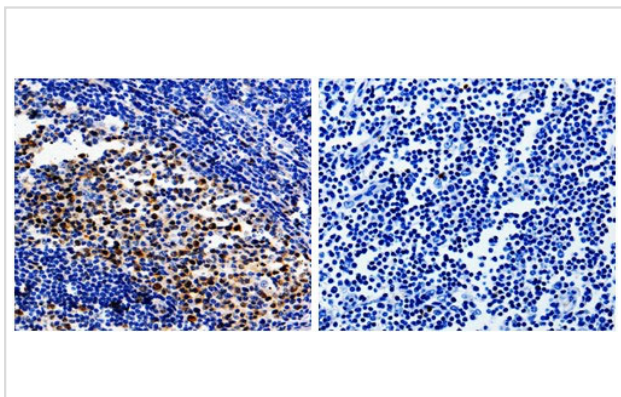
Gel: 10%SDS-PAGE

Lysate: 40 µg HeLa cell lysate

Primary antibody: 1/500 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution

Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 31002 (PCNA Antibody) at dilution 1/25, on the right is treated with the fusion protein.

Background

The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome

Note: This product is for in vitro research use only and is not intended for use in humans or animals.