

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, WB:1:200-1:1000,
IHC:1:25-1:100

Protein Background:

innate immune receptor which acts as a cytoplasmic sensor of viral nucleic acid, and plays a major role in sensing viral infection and in the activation of a cascade of antiviral responses including the induction of type I interferons and proinflammatory cytokines. Its ligands include: 5'-triphosphorylated ssRNA and dsRNA and short dsRNA (<1 kb in length). In addition to the 5'-triphosphate moiety, blunt-end base pairing at the 5'-end of the RNA is very essential. Overhangs at the non-triphosphorylated end of the dsRNA RNA have no major impact on its activity. A 3'overhang at the 5'triphosphate end decreases and any 5'overhang at the 5' triphosphate end abolishes its activity. Upon ligand binding it associates with mitochondria antiviral signaling protein (MAVS/IPS1) which activates the IKK-related kinases: TBK1 and IKKε which phosphorylate interferon regulatory factors: IRF3 and IRF7 which in turn activate transcription of antiviral immunological genes, including interferons (IFNs); IFN-α and IFN-β.

Gene ID:

NOTCH3

Uniprot

Q9UM47

Synonyms:

Notch 3

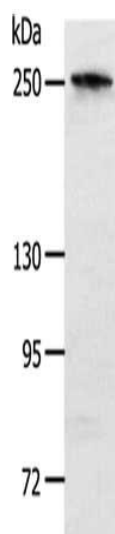
Immunogen:

Synthetic peptide of human NOTCH3.

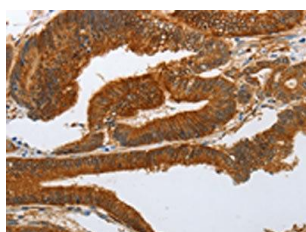
Storage:

-20°C; C, pH7.4 PBS, 0.05% Na₃N, 40% Glycerol

Product Images



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: Human colon cancer tissue, Primary antibody: PACO18770(NOTCH3 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO18770(NOTCH3 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).