

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:30-1:150

Protein Background:

Serine/threonine kinase that plays an essential role in regulating inflammatory responses to foreign agents. Following activation of toll-like receptors by viral or bacterial components, associates with TRAF3 and TANK and phosphorylates interferon regulatory factors (IRFs) IRF3 and IRF7 as well as DDX3X. This activity allows subsequent homodimerization and nuclear translocation of the IRFs leading to transcriptional activation of pro-inflammatory and antiviral genes including IFNA and IFNB. In order to establish such an antiviral state, TBK1 form several different complexes whose composition depends on the type of cell and cellular stimuli. Thus, several scaffolding molecules including FADD, TRADD, MAVS, AZI2, TANK or TBKBP1/SINTBAD can be recruited to the TBK1-containing-complexes. Under particular conditions, functions as a NF-kappa-B effector by phosphorylating NF-kappa-B inhibitor alpha/NFKBIA, IKKB or RELA to translocate NF-Kappa-B to the nucleus.

Gene ID:

AQP7

Uniprot

O14520

Synonyms:

aquaporin 7

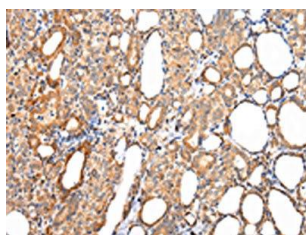
Immunogen:

Synthetic peptide of human AQP7.

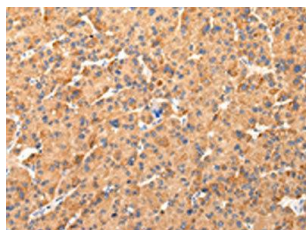
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO20986(AQP7 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO20986(AQP7 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).