

For Research Use Only

# TRIM52 Polyclonal antibody, PBS Only

Catalog Number: 20948-1-PBS



## Basic Information

**Catalog Number:**

20948-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG15064

**GenBank Accession Number:**

BC007372

**GeneID (NCBI):**

84851

**UNIPROT ID:**

Q96A61

**Full Name:**

tripartite motif-containing 52

**Calculated MW:**

297 aa, 35 kDa

**Observed MW:**

35 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, Indirect ELISA

**Species Specificity:**

human

## Background Information

TRIM52 (Tripartite motif 52) is a member of the family of highly conserved RBCC (a RING-finger, two B-boxes, and a predicted alpha-helical Coiled-Coil domain were linked to the N-terminal region in sequence) proteins with more than 70 isoforms, which plays an important role in tumorigenesis through different signaling pathways (PMID: 35837156). TRIM52 promotes tumorigenesis in ovarian cancer by activating the nuclear factor (NF)- $\kappa$ B signaling pathway. Knocking-down of TRIM52 in ovarian cancer cells suppresses cell invasion, cell migration and cell proliferation, while inducing apoptosis (PMID: 30918473, 28073078).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

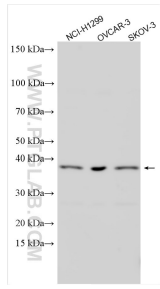
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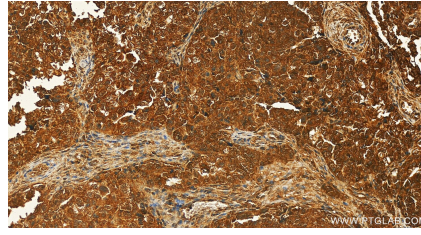
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20948-1-AP (TRIM52 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20948-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 20948-1-AP (TRIM52 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20948-1-PBS in a different storage buffer formulation.