# RAD50 Polyclonal antibody

Catalog Number:29390-1-AP

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## Basic Information

Catalog Number:
29390-1-AP

Size:
150ul , Concentration: 650 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG29949

GenBank Accession Number:
NM_005732

GeneID (NCBI):
10111

Full Name:
RAD50 homolog (S. cerevisiae)

Calculated MW:
154 kDa

Observed MW:
154 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:2000-1:10000
IHC 1:400-1:1600
IF 1:200-1:800

## Applications

Tested Applications:
IF, IHC, WB, ELISA

Species Specificity:
Human, rat, mouse

***Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0***

Positive Controls:

WB : C6 cells, Jurkat cells, K-562 cells, MCF-7 cells, MOLT-4 cells

IHC : human breast cancer tissue, mouse testis tissue, human placenta tissue

IF : U2OS cells,

## Background Information

## Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage
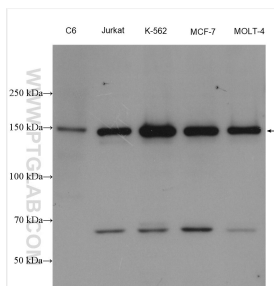
**\*\*\* 20ul sizes contain 0.1% BSA**

# Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29390-1-AP (RAD50 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.
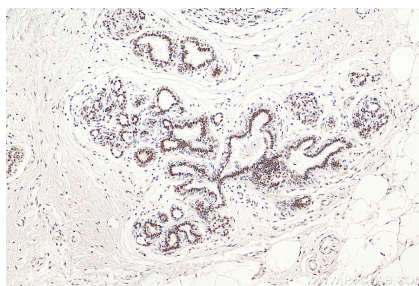


Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 29390-1-AP (RAD50 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).
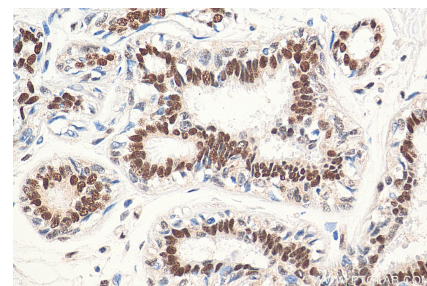


Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 29390-1-AP (RAD50 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).
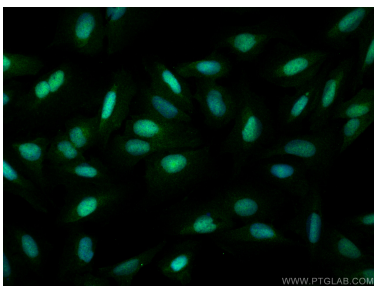


Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RAD50 antibody (29390-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).