

For Research Use Only

SDF2 Polyclonal antibody

Catalog Number: 14747-1-AP



Basic Information

Catalog Number:

14747-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6480

GenBank Accession Number:

BC000500

GeneID (NCBI):

6388

UNIPROT ID:

Q99470

Full Name:

stromal cell-derived factor 2

Calculated MW:

23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, 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 : Jurkat cells, HUVEC cells, mouse heart, U2OS cells

IHC : human ovary cancer tissue,

Background Information

SDF-2 is a small protein of 211 amino acids that is ubiquitously expressed in lung, breast, colon, liver and kidney. SDF-2 is localized in the ER and has been reported to get involved in multiple endoplasmic reticulum (ER) functions, including the misfolded protein catabolic process, protein glycosylation, and ER protein quality control.

Storage

Storage:

Store at -20°C. 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

For technical support and original validation data for this product please contact:

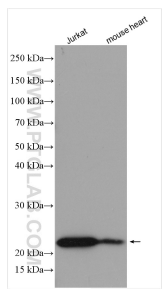
T: 4006900926

E: Proteintech-CN@ptglab.com

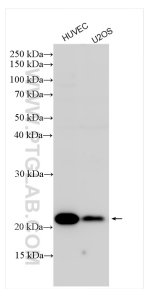
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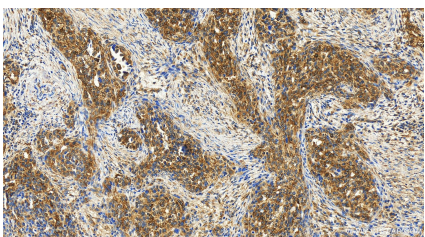
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14747-1-AP (SDF2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 14747-1-AP (SDF2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).