

For Research Use Only

ESCO2 Polyclonal antibody, PBS Only

Catalog Number: 23525-1-PBS



Basic Information

Catalog Number:

23525-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18893

GenBank Accession Number:

BC146562

GeneID (NCBI):

157570

UNIPROT ID:

Q56NI9

Full Name:

establishment of cohesion 1 homolog
2 (S. cerevisiae)

Calculated MW:

601 aa, 68 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ESCO2 is also known as Establishment of Sister Chromatid Cohesion N-Acetyltransferase 2, EFO2. This gene encodes a member of the family of acetyltransferases involved in the establishment of sister chromatid cohesion during S phase and postreplicative sister chromatid cohesion induced by double-strand breaks (PubMed: 15821733). Mutations in the ESCO2 gene are associated with a rare genetic disorder called Roberts syndrome or SC phocomelia syndrome (PubMed: 16380922). The loss of function or impaired activity of the ESCO2 protein due to mutations disrupts the proper cohesion of sister chromatids, leading to chromosomal abnormalities and the characteristic features of Roberts syndrome. ESCO2 can be detected as about 65-70 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

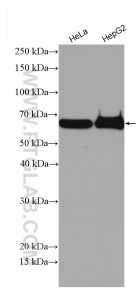
T: 4006900926

E: Proteintech-CN@ptglab.com

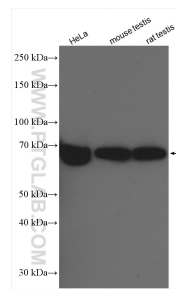
W: ptgcn.com

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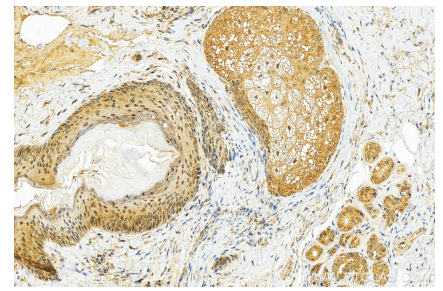
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23525-1-AP (ESCO2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23525-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 23525-1-AP (ESCO2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23525-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 23525-1-AP (ESCO2 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 23525-1-PBS in a different storage buffer formulation.