

**ESCO2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55652****Specification**

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**ESCO2 Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">Q56NI9</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68307

**ESCO2 Polyclonal Antibody - Additional Information****Gene ID** 157570**Other Names**

N-acetyltransferase ESCO2, 2.3.1.-, Establishment factor-like protein 2, EFO2, EFO2p, hEFO2, Establishment of cohesion 1 homolog 2, ECO1 homolog 2, ESCO2

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ESCO2 Polyclonal Antibody - Protein Information****Name** ESCO2 ([HGNC:27230](#))**Function**

Acetyltransferase required for the establishment of sister chromatid cohesion (PubMed:<a href="http://www.uniprot.org/citations/15821733" target="\_blank">15821733</a>, PubMed:<a href="http://www.uniprot.org/citations/15958495" target="\_blank">15958495</a>). Couples the processes of cohesion and DNA replication to ensure that only sister chromatids become paired together. In contrast to the structural cohesins, the deposition and establishment factors are required only during the S phase. Acetylates the cohesin component SMC3 (PubMed:<a href="http://www.uniprot.org/citations/21111234" target="\_blank">21111234</a>).

**Cellular Location**

Nucleus. Chromosome. Note=Nuclear in interphase cells, excluded from chromosomes during metaphase but reassociates with chromosomes in telophase.

**Tissue Location**

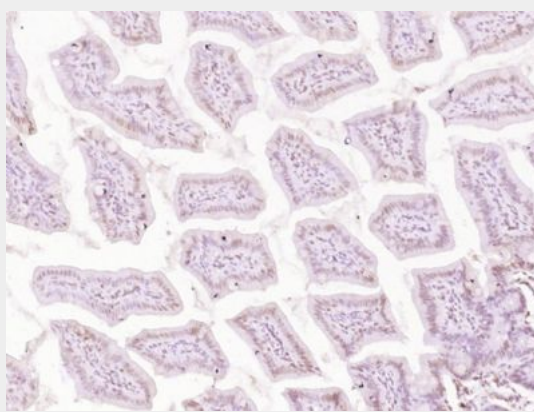
Widely expressed in fetal tissues. In adult, it is expressed in thymus, placenta and small intestine

## ESCO2 Polyclonal Antibody - Protocols

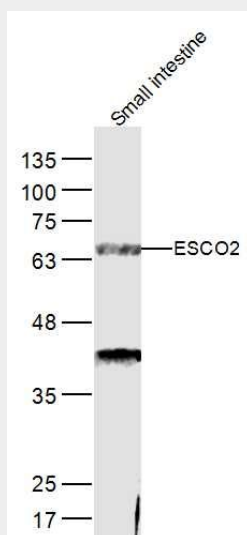
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ESCO2 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ESCO2) Polyclonal Antibody, Unconjugated (bs-14632R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



### Sample:

Small intestine (Mouse) Lysate at 40 ug

Primary: Anti-ESCO2 (bs-14632R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 68 kD  
Observed band size: 68 kD