

ESCO1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20370b

Product Information

Application	WB, E
Primary Accession	Q5FWF5
Other Accession	Q69Z69
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42857
Calculated MW	94983
Antigen Region	661-687

Additional Information

Gene ID	114799
Other Names	N-acetyltransferase ESCO1, 231-, CTF7 homolog 1, Establishment factor-like protein 1, EFO1p, hEFO1, Establishment of cohesion 1 homolog 1, ECO1 homolog 1, ESO1 homolog 1, ESCO1, EFO1, KIAA1911
Target/Specificity	This ESCO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 661-687 amino acids from the C-terminal region of human ESCO1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ESCO1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

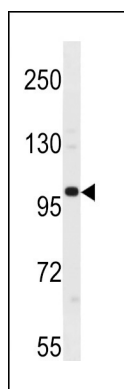
Name	ESCO1
Synonyms	EFO1, KIAA1911

Function	Acetyltransferase required for the establishment of sister chromatid cohesion (PubMed: 15958495 , PubMed: 18614053). 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 S phase. Acts by mediating the acetylation of cohesin component SMC3 (PubMed: 18614053).
Cellular Location	Nucleus. Chromosome Note=Nuclear at interphase, associated with chromosomes during mitosis
Tissue Location	Widely expressed. Expressed in heart, brain, liver, placenta, lung, kidney and pancreas. Highly expressed in muscle

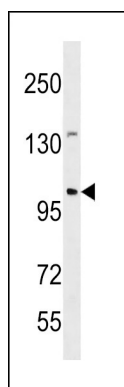
Background

Acetyltransferase required for the establishment of sister chromatid cohesion and couple 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 S phase. Acts by mediating the acetylation of cohesin component SMC3.

Images



ESCO1 Antibody (C-term) (Cat. #AP20370b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ESCO1 antibody detected the ESCO1 protein (arrow).



ESCO1 Antibody (C-term) (Cat. #AP20370b) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the ESCO1 antibody detected the ESCO1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.