Anti-ESCO1 antibody

Description	Unconjugated Rabbit polyclonal to ESCO1

Model	STJ191018
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ESCO1 protein.
Immunogen Region	10-90aa
Gene ID	114799
Gene Symbol	ESCO1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ESCO1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed. Expressed in heart, brain, liver, placenta, lung, kidney and pancreas. Highly expressed in muscle.
Purification	ESCO1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	N-acetyltransferase ESCO1 CTF7 homolog 1 Establishment factor-like protein 1 EFO1p hEFO1 Establishment of cohesion 1 homolog 1 ESO1 homolog 1
Molecular Weight	92 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:24645OMIM:609674
Alternative Names	N-acetyltransferase ESCO1 CTF7 homolog 1 Establishment factor-like protein 1 EFO1p hEFO1 Establishment of cohesion 1 homolog 1 ESO1 homolog 1
Function	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.
Sequence and Domain Family	The N-terminal region seems to be responsible for the association with chromosomes, thus excluding any involvement of the Zn finger in this process.
Cellular Localization	Nucleus Chromosome. Nuclear at interphase, associated with chromosomes during mitosis .
Post-translational Modifications	Phosphorylated during mitosis.