

ESCO1 Rabbit pAb

CatalogNo: YN0914

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 92kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 10-90

Specificity ESCO1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ESCO1 EFO1 KIAA1911

Protein Name N-acetyltransferase ESCO1 (CTF7 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1)

Organism	Gene ID	UniProt ID
Human	114799 ;	Q5FWF5 ;
Mouse		Q69Z69 ;

Cellular Localization Nucleus . Chromosome . Nuclear at interphase, associated with chromosomes during mitosis. .

Tissue specificity Widely expressed. Expressed in heart, brain, liver, placenta, lung, kidney and pancreas. Highly expressed in muscle.

Function Caution:It is uncertain whether Met-1 or Met-2 is the initiator.,Domain:The N-terminal region seems to be responsible for the association with chromosomes, thus excluding any involvement of the Zn finger in this process.,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.,PTM:Phosphorylated during mitosis. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the acetyltransferase family. GCN5 subfamily.,subcellular location:Nuclear at interphase, associated with chromosomes during mitosis.,tissue specificity:Widely expressed. Expressed in heart, brain, liver, placenta, lung, kidney and pancreas. Highly expressed in muscle.,

Validation Data

Contact information

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ESCO1 Rabbit pAb

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