

ESCO2 Rabbit pAb

CatalogNo: YN7360

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 66kD (Calculated)

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

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human ESCO2

Specificity This antibody detects endogenous levels of ESCO2 at Human, Mouse

Target Information

Gene name ESCO2

Protein Name N-acetyltransferase ESCO2 (Establishment of cohesion 1 homolog 2) (ECO1 homolog 2)

Organism	Gene ID	UniProt ID
Human	157570 ;	Q56N19 ;
Mouse	71988 ;	Q8CIB9 ;

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

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

Function Acetyltransferase required for the establishment of sister chromatid cohesion . 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 .

| Validation Data

| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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ESCO2 Rabbit pAb

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