

ESCO1 polyclonal antibody

Catalog: BS60185

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

EFO1 (Establishment factor-like protein 1), also known as ESCO1 (establishment of cohesion 1 homolog1) or ESO1, is a member of the acetyltransferase family (GCN5 subfamily). It is a ubiquitously expressed nuclear protein that plays an important role in sister chromatid cohesion. At its C-terminus, EFO1 contains an H2C2 zinc finger motif and an acetyltransferase domain that exhibits acetyltransferase activity in vivo. Its N-terminus, containing two domains that are similar to δ - and β -type linker histone proteins, is essential for EFO1 association with chromosomes. EFO1 is responsible for coupling cohesion and DNA replication processes thereby ensuring proper pairing of sister chromatids. EFO1 is phosphorylated during mitosis and this may act to regulate EFO1 activity. Due to alternative splicing events, three EFO1 isoforms exist.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 95 kDa

Swiss-Prot:

Q5FWF5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

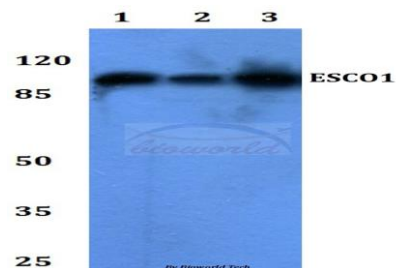
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ESCO1 polyclonal antibody detects endogenous levels of ESCO1 protein.

DATA:



Western blot (WB) analysis of ESCO1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151