

Product Datasheet

ESCO2 Antibody - BSA Free

NB100-87021

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-87021

ESCO2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	68.3 kDa

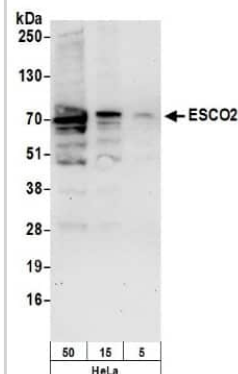
Product Description	
Host	Rabbit
Gene ID	157570
Gene Symbol	ESCO2
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 200 and 250 of human establishment of cohesion 1 homolog 2 using the numbering given in entry NP_001017420.1 (GeneID 157570).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

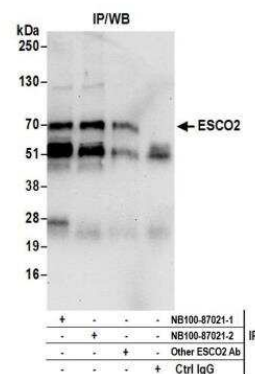


Images

Western Blot: ESCO2 Antibody [NB100-87021] - Detection of Human ESCO2 by Western Blot. Samples: Whole cell lysate (50, 15, 5 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ESCO2 antibody NB100-87021 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: ESCO2 Antibody [NB100-87021] - Detection of human ESCO2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ESCO2 antibody NB100-87021 (lot 2) used for IP at 6 ug per reaction. ESCO2 was also immunoprecipitated by a previous lot of this antibody (lot 1) and rabbit anti-ESCO2 antibody from Company B. For blotting immunoprecipitated ESCO2, NB100-87021 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

He P, Xin W, Schulz P, Sierks MR Promiscuous Targeting of Cellular Proteins by Vpr Drives Systems-Level Proteomic Remodeling in HIV-1 Infection Cell Rep 2019-04-30 [PMID: 31042482] (WB, Human)

Greenwood E, Williamson J, Sienkiewicz A et al. Vpr drives massive cellular proteome remodelling in HIV-1 infection. bioRxiv 2018-07-23 [PMID: 31042482] (IB, Human)

Evans EB, Hogarth C, Evanoff RM et al. Localization and regulation of murine Esco2 during male and female meiosis. Biol Reprod 2012-09-01 [PMID: 22699483]

Hogarth CA, Mitchell D, Evanoff R et al. Identification and expression of potential regulators of the mammalian mitotic-to-meiotic transition. Biol Reprod. 2011-01-01 [PMID: 20826732]

Details:

UBE1L2/MOP-4 (IMG-6168A). 1. WB: Mouse postnatal testis, Fig 2B.



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Products Related to NB100-87021

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55577PEP	ESCO2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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