

Rabbit anti-Human ESX1 Polyclonal Antibody | anti-ESX1 antibody

ESX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39839	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

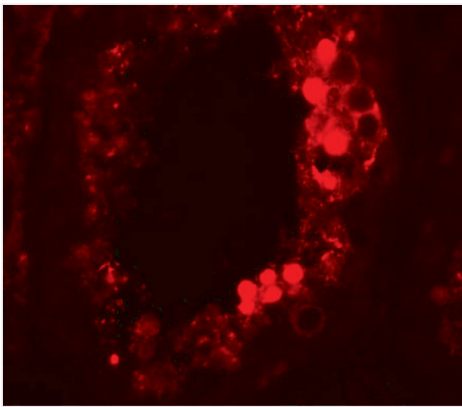
PRODUCT SYNONYMS

ESX1; Polyclonal Antibody; ESX1 Antibody; ESX1L; ESXR1; ESX1R; Homeobox protein ESX1; Extraembryonic; spermatogenesis; homeobox 1; ESX homeobox 1; anti-ESX1 antibody

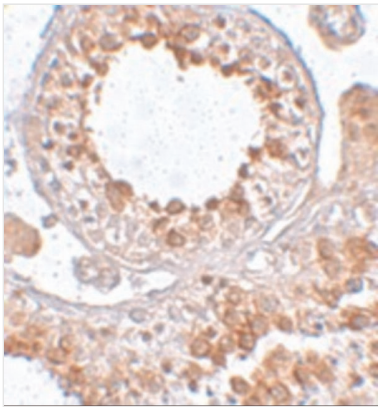
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ESX1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	406
Applicable Applications for anti-ESX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ESX1 antibody was raised against a 19 amino acid synthetic peptide near the center of human ESX1.
Buffer	ESX1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ESX1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

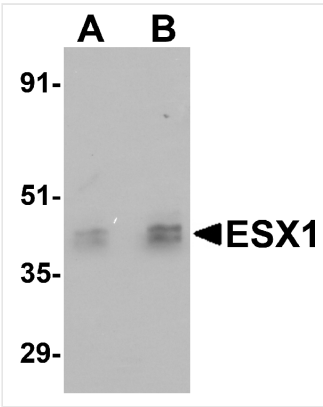
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ESX1 in human testis tissue with ESX1 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of ESX1 in human testis tissue with ESX1 antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of ESX1 in human testis tissue lysate with ESX1 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ESX1 antibody	ESX1 Antibody: Homeobox proteins are transcription factors that contain a helix-turn-helix DNA binding domain termed the homeodomain. ESX1 is an X-linked homeobox gene primarily expressed in the placenta and testis and contains two functional domains: the homeodomain and the proline-rich domain. During embryogenesis, ESX1 is expressed in the extraembryonic tissues, including the endoderm of the visceral yolk sac, the ectoderm of the chorion and the labyrinthine trophoblast of the chorioallantoic placenta. ESX1 can act like a transcriptional repressor to the human oncogene K-ras and treatment of human cancer cells with an ESX1 protein fragment containing the homeodomain reduces the tumorigenicity of cells containing oncogenic K-ras mutations, suggesting ESX1 may be useful as a therapeutic treatment for these cancers.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116241356
NCBI GeneID	80712
UniProt Accession #	Q8N693; Q7Z6K7; B0QYU3
Molecular Weight	44,297 Da
NCBI Official Full Name	Homeobox protein ESX1
NCBI Official Synonym Full Names	ESX homeobox 1
NCBI Official Symbol	ESX1

NCBI Official Synonym Symbols	ESX1L; ESXR1
NCBI Protein Information	homeobox protein ESX1; ESX1-related protein; extraembryonic, spermatogenesis, homeobox 1 homolog
UniProt Protein Name	Homeobox protein ESX1
UniProt Gene Name	ESX1
UniProt Synonym Gene Names	ESX1L; ESX1R
UniProt Entry Name	ESX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/esx1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39839>