
ESX1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254220

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: ESX1; Extraembryonic spermatogenesis homeobox 1; ESX1L; ESXR1

Accession No.: Q8N693

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ESX1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.