

HESX1 Polyclonal antibody

Catalog Number: 17927-1-AP

Basic Information

Catalog Number: 17927-1-AP	GenBank Accession Number: BC093979	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 8820	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9UBX0	
Isotype: IgG	Full Name: HESX homeobox 1	
Immunogen Catalog Number: AG12348	Calculated MW: 185 aa, 21 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse testis tissue,
Species Specificity: human, mouse, rat	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

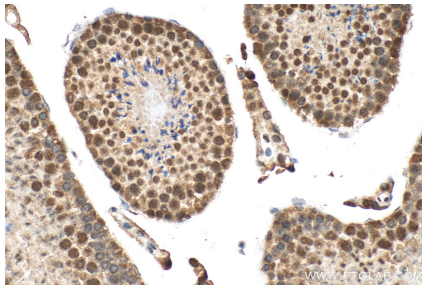
Background Information

HESX1 (Homeobox gene expressed in stem cells 1) is a homeobox transcriptional repressor that was initially isolated from murine embryonic stem cells (ESCs). HESX1 is crucial for proper forebrain and pituitary development in both mice and humans, and inactivating mutations in HESX1 underlie septo-optic dysplasia.

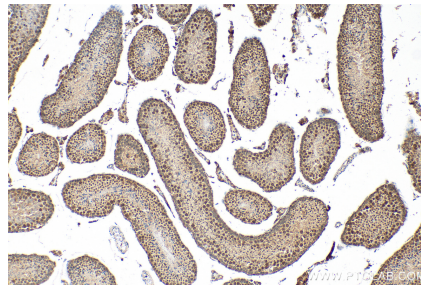
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17927-1-AP (HESX1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17927-1-AP (HESX1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).