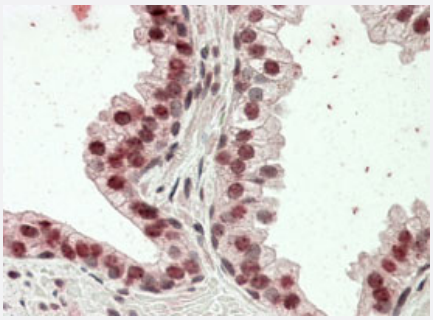
HOXD13 polyclonal antibody

Catalog # PAB18561 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate with HOXD13 polyclonal antibody (Cat # PAB18561) (3.8 ug/mL). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HOXD13.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human HOXD13.
Sequence	C-KSSFPGDVALNQPD
Host	Goat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1-2 ug/mL) ELISA (1:8000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human prostate with HOXD13 polyclonal antibody (Cat # PAB18561) (3.8 ug/mL). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HOXD13

Entrez GeneID	3239
Protein Accession#	NP_000514.2
Gene Name	HOXD13
Gene Alias	BDE, BDSD, HOX4I, SPD
Gene Description	homeobox D13
Omim ID	113200 113300 142989 186000 186300 610713
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conse rved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and H OXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This ge ne is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions tha t remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with sev ere limb and genital abnormalities. Mutations in this particular gene cause synpolydactyly. [provid ed by RefSeq
Other Designations	homeo box 4I|homeo box D13

Disease

- Alzheimer disease
- Autistic Disorder

- Cardiovascular Diseases
- Clubfoot
- Cryptorchidism
- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis