

Goat Anti-HOXD13 Antibody
Peptide-affinity purified goat antibody
Catalog # AF4334a**Specification**

Goat Anti-HOXD13 Antibody - Product Information

Application	WB, IHC, IF, Pep-ELISA
Primary Accession	P35453
Other Accession	NP_000514.2
Reactivity	Human, Rat
Host	Goat
Clonality	Polyclonal
Calculated MW	36101

Goat Anti-HOXD13 Antibody - Additional Information**Gene ID** 3239**Other Names**

BDE, BDSD, homeo box 4I, homeo box D13, homeobox D13, HOX4I, SPD, HOXD13

DilutionWB~~1:1000
IHC~~1:100~500
IF~~1:50~200
Pep-ELISA~~N/A**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Immunogen

Peptide with sequence C-HGVGLQQNALKSSPH, from the internal region of the protein sequence according to NP_000514.2.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-HOXD13 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-HOXD13 Antibody - Protein Information**Name** HOXD13**Synonyms** HOX4I

Function

Sequence-specific transcription factor that binds gene promoters and activates their transcription (PubMed:24789103). Part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis (By similarity).

Cellular Location

Nucleus.

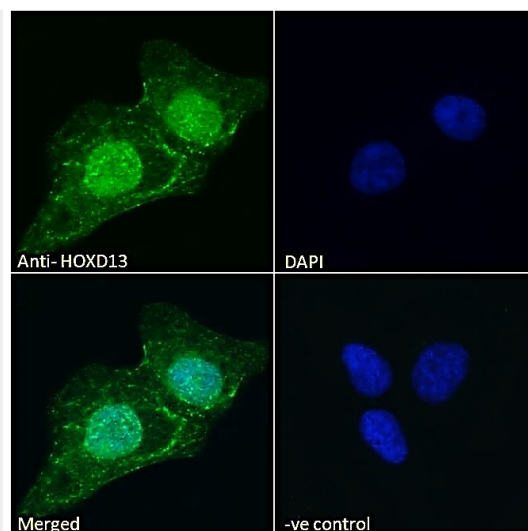
Goat Anti-HOXD13 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

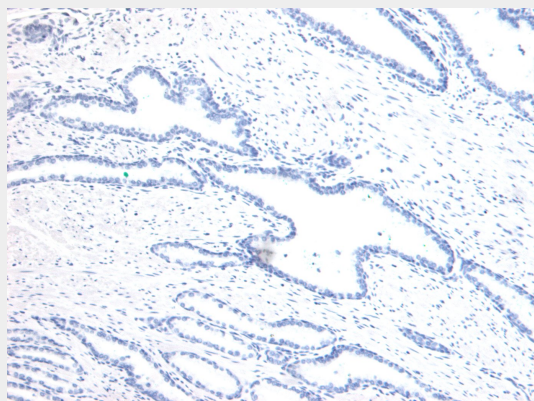
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-HOXD13 Antibody - Images

EB09834 (1µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB09834 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong nuclear and weak cytoplasmic staining. The



EB09834 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.