10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-HOXD13 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4334a

Product Information

Application	WB, IHC, IF, Pep-ELISA
Primary Accession	P35453
Other Accession	NP_000514.2
Reactivity	Human, Rat
Host	Goat
Clonality	Polyclonal
Clone Names	HOXD13
Calculated MW	36101

Additional Information

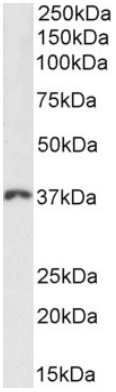
Gene ID	3239
Other Names	BDE, BDSD, homeo box 4I, homeo box D13, homeobox D13, HOX4I, SPD, HOXD13
Dilution	WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Immunogen	Peptide with sequence C-HGVGLQQNALKSSPH, 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.

Protein Information

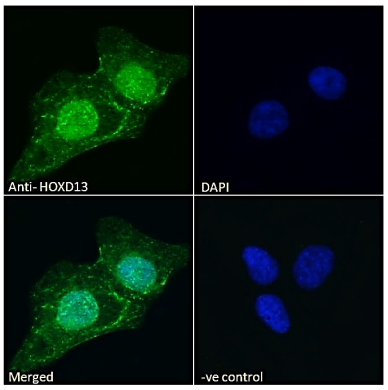
Name	HOXD13
Synonyms	HOX4I
Function	Sequence-specific transcription factor that binds gene promoters and activates their transcription (PubMed:24789103). Part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis (By similarity).

Cellular Location Nucleus.

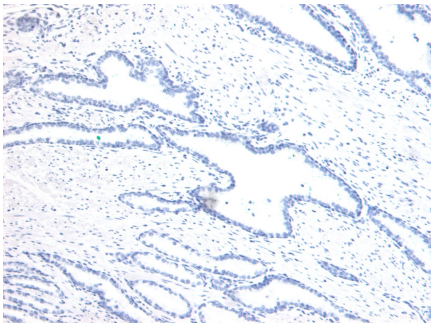
Images



AF4334a (1 µg/ml) staining of Rat Brain lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



AF4334a 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



AF4334a Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.