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Datasheet for ABIN6391406

anti-Homeobox D13 antibody (Internal Region)

5 Images

Overview

Quantity:	100 µg
Target:	Homeobox D13 (HOXD13)
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Homeobox D13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	HOXD13
Sequence:	HGVGLQQNAL KSSPH
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Homeobox D13 (HOXD13)
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Target Details

Alternative Name:	HOXD13 (HOXD13 Products)
Background:	HOXD13, homeobox D13, BDE, BDSB, HOX4I, SPD, homeo box 4I, homeo box D13
Gene ID:	3239, 15433, 288154
NCBI Accession:	NP_000514
Pathways:	Synaptic Membrane

Application Details

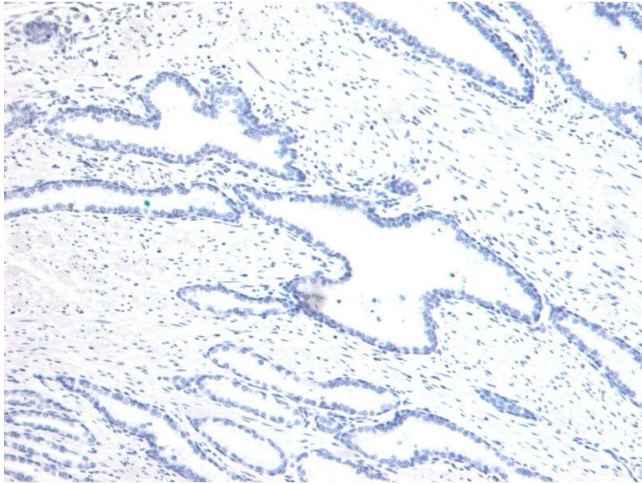
Application Notes:	Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 8 µg/mL. Western Blot: Approx 37 kDa band observed in Rat Brain lysates (calculated MW of 34.9 kDa according to NP_001099356.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:128000.
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Comment:	Immunofluorescence: Strong expression of the protein seen in the nucleus of HEK293 and U2OS cells. Recommended concentration: 10µg/ml.
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Restrictions:	For Research Use only
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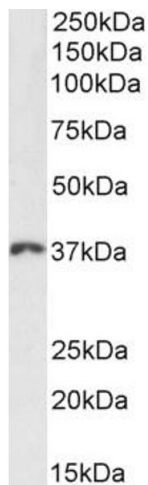
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



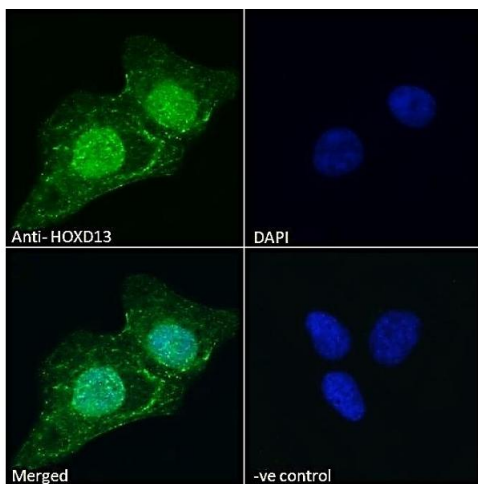
Immunohistochemistry

Image 1. (ABIN6391406) Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.



Western Blotting

Image 2. (ABIN6391406) (1 µg/mL) staining of Rat Brain lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Immunofluorescence

Image 3. (ABIN6391406) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing strong nuclear and weak cytoplasmic staining. The

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6391406.