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Anti-HOXA11/D11 Antibody

Catalog # AP53680

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P31270
Other Accession	P31277
Reactivity	Human, Mouse, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34486

Additional Information

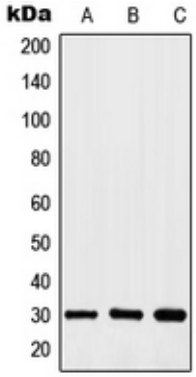
Gene ID	3207
Other Names	HOXA11; HOX1I; Homeobox protein Hox-A11; Homeobox protein Hox-1I; HOXD11; HOX4F; Homeobox protein Hox-D11; Homeobox protein Hox-4F
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human HOXA11/D11. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

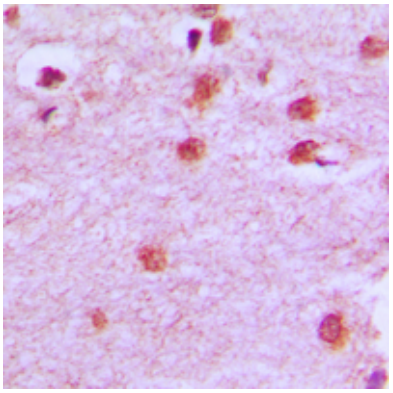
Name	HOXA11
Synonyms	HOX1I
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Cellular Location	Nucleus.

Images

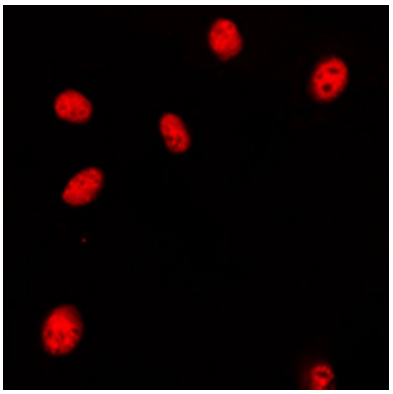
Western blot analysis of HOXA11/D11 expression in



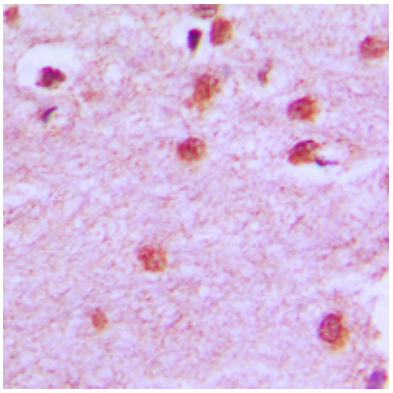
HEK293T (A), HeLa (B), K562 (C) whole cell lysates. (Predicted band size: 34; 35 kD; Observed band size: 30 kD)



Immunohistochemical analysis of HOXA11/D11 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HOXA11/D11 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of HOXA11/D11 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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