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

Anti-HOXC12 Antibody

Catalog # AP51779

Product Information

Application	WB, IHC
Primary Accession	P31275
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30171

Additional Information

Gene ID	3228
Other Names	HOC3F; HOX3F; Homeobox protein Hox-C12; Homeobox protein Hox-3F
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HOXC12. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
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

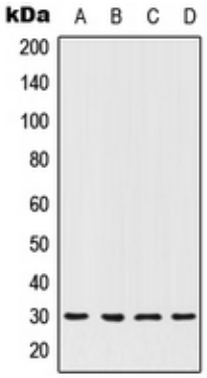
Protein Information

Name	HOXC12
Synonyms	HOC3F, HOX3F
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.

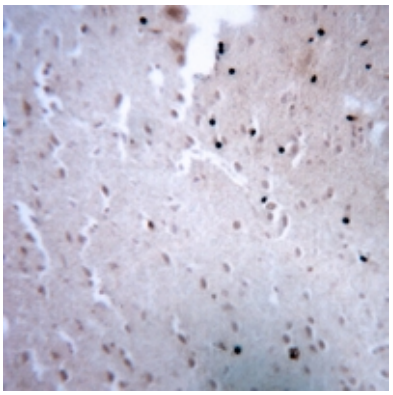
References

Kosaki K.,et al.Teratology 65:50-62(2002).
Acampora D.,et al.Nucleic Acids Res. 17:10385-10402(1989).

Images



Western blot analysis of HOXC12 expression in MCF7 (A), ACHN (B), NIHC3T3 (C), PC12 (D) whole cell lysates. (Predicted band size: 30 kD; Observed band size: 30 kD)



Immunohistochemical analysis of HOXC12 staining in rat 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'.