

Mouse Hoxd10 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14309C

Product Information

Application	WB, IHC-P, E
Primary Accession	P28359
Other Accession	NP_038582.2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35137
Calculated MW	38328
Antigen Region	201-230

Additional Information

Gene ID	15430
Other Names	Homeobox protein Hox-D10, Homeobox protein Hox-45, Homeobox protein Hox-53, Hoxd10, Hox-45, Hoxd-10
Target/Specificity	This Mouse Hoxd10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 201-230 amino acids from the Central region of mouse Hoxd10.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Hoxd10 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Hoxd10
Synonyms	Hox-4.5, Hoxd-10

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.

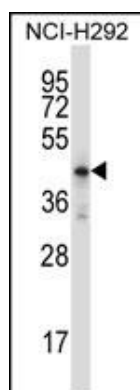
Background

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

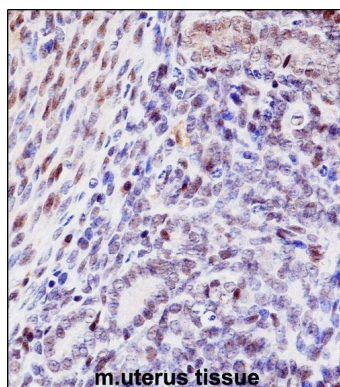
References

Mugford, J.W., et al. Dev. Biol. 333(2):312-323(2009)
Cocquempot, O., et al. Genetics 183(1):23-30(2009)
Misra, M., et al. Dev. Biol. 330(1):54-72(2009)
Hibiya, K., et al. Dev. Biol. 329(2):176-190(2009)
Tschopp, P., et al. PLoS Genet. 5 (3), E1000398 (2009) :

Images



Mouse Hoxd10 Antibody (Center) (Cat. #AP14309c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the Hoxd10 antibody detected the Hoxd10 protein (arrow).



Mouse Hoxd10 Antibody (Center) (AP14309c) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Hoxd10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- [HOXD10 acts as a tumor-suppressive factor via inhibition of the RHOC/AKT/MAPK pathway in human cholangiocellular carcinoma.](#)