



Rabbit Anti-HoxC13 antibody

SL13599R

Product Name:	HoxC13
Chinese Name:	同源盒蛋白HOX13抗体
Alias:	ECTD9; Homeo box 3G; Homeo box C13; homeobox C13; Homeobox protein Hox 3G; Homeobox protein Hox-C13; Hox-3G; HOX3; HOX3G; HOXC13; HXC13; NUP98.
文献引用 PubMed :	Specific References(1) SL13599R has been referenced in 1 publications. [IF=1.34]He, Yanyu, et al. "Determination of secondary follicle characteristics, density, activity and Hoxc13 expression pattern of Hexi cashmere goats breed." The Anatomical Record (2015).IHC-P;Goat. PubMed:26097036
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HoxC13:231-330/330
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The Hox proteins are a family of transcription factors that play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. Hox proteins are involved in controlling axial patterning, leukemias and hereditary malformations. HoxC13 (homeobox C13), also known as HOX3 or HOX3G, is a 330 amino acid protein that contains one homeobox DNA-binding domain and is a member of the Abd-B homeobox family. Localized to the nucleus, HoxC13 functions as a sequence-specific transcription factor that, in conjunction with a variety of other proteins, provides cells with positional identities on their anterior-posterior axis. Via its ability to modify features of the anterior-posterior body axis, HoxC13 is thought to play a role in the development of nails, hair and filiform papilla.</p> <p>Function: HOXC13 is a member of a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms and provide cells with specific positional identities on the anterior-posterior axis. HOXC13 is a sequence-specific transcription factor that may play a role in the development of hair, nail, and filiform papilla.</p> <p>Subcellular Location: Nuclear</p> <p>Similarity: Belongs to the Abd-B homeobox family. Contains 1 homeobox DNA-binding domain.</p> <p>SWISS: P31276</p> <p>Gene ID: 3229</p> <p>Database links:</p> <p>Entrez Gene: 3229 Human</p> <p>Entrez Gene: 538716 Cow</p> <p>Entrez Gene: 15422 Mouse</p> <p>Omim: 142976 Human</p> <p>SwissProt: P31276 Human</p>

[SwissProt: P50207](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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