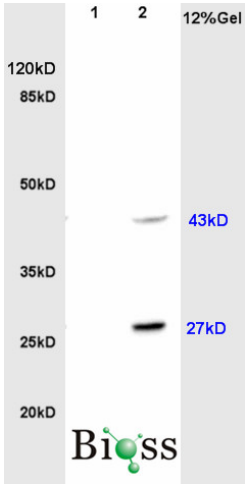
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

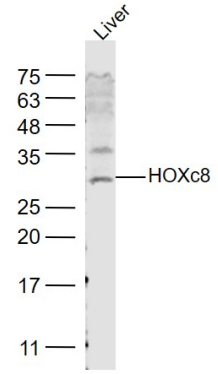
HOXc8 Rabbit pAb

Catalog Number:	bs-0394R
Target Protein:	HOXc8
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Human, Rat (predicted:Mouse, Pig, Cow, Horse)
Predicted MW:	27 kDa
Subcellular Locations:	Nucleus
Entrez Gene:	3224
Swiss Prot:	P31273
Source:	KLH conjugated synthetic peptide derived from human HOXc8: 51-130/242.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders.

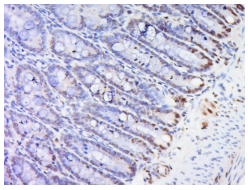
VALIDATION IMAGES



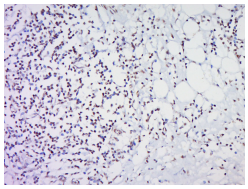
Sample: Brain(Rat) lysate at 30ug; Liver(Rat) lysate at 30ug; Primary: Anti-HOXc8 (bs-0394R) at 1:200; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bse-0295G) at 1: 3000; Predicted band size : 27kD Observed band size : 27kD, 43kD



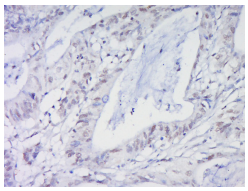
Sample: Liver(Rat) Lysate at 40 ug Primary: Anti-HOXc8 (bs-0394R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kD Observed band size: 27 kD



Paraformaldehyde-fixed, paraffin embedded Rat small intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer normal goat serum at 37°C for 30min; Antibody incubation with (Hox-3.1) Polyclonal Antibody, Unconjugated (bs-0394R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human cervical cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Hox-3.1) Polyclonal Antibody, Unconjugated (bs-0394R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human cervical cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Histone H3) Polyclonal Antibody, Unconjugated (bs-0394R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=1.3] Yahang Chen. et al. Human papillomavirus type 16 E7 promotes cell viability and migration in cervical cancer by regulating the miR-23a/HOXC8 axis. J OBSTET GYNAECOL. 2024 Feb 13 WB ; Human . 38348790