

Product Datasheet

KLF4 Antibody NB300-936

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB300-936

KLF4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA

Product Description	
Host	Goat
Gene ID	9314
Gene Symbol	KLF4
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat, Bovine.
Immunogen	Peptide with sequence AVSDALLPSFST-C corresponding to N-Terminus according to NP_004226.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Experiments gave strong bands at 75-90 kDa band and a faint 50- kDa band in human Duodenal lysate after 0.1 ug/ml antibody staining. These bands correspond to earlier findings in literature (Piccinni et al, J. Biol. Chem., Vol. 279 (10), 9103-9114). All these bands were successfully blocked by incubation with the immunizing peptide.

Publications

Shields JM, Christy RJ, Yang VW. Identification and characterization of a gene encoding a gut-enriched Kruppel-like factor expressed during growth arrest. J Biol Chem 1996-08-16 [PMID: 8702718]

Zheng H, Pritchard DM, Yang X et al. KLF4 gene expression is inhibited by the notch signaling pathway that controls goblet cell differentiation in mouse gastrointestinal tract. Am J Physiol Gastrointest Liver Physiol. 2009-03-01 [PMID: 19109406]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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