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Datasheet for ABIN334389 anti-EGR2 antibody (Internal Region)

4 Images



Overview

Quantity:	100 µg
Target:	EGR2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This EGR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

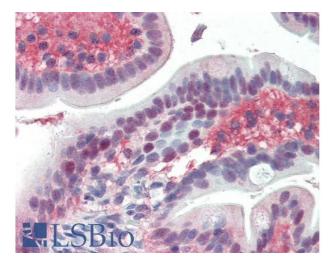
Product Details

Purpose:	EGR2
Immunogen:	Peptide with sequence HGTAGPDRKPFPC, from the internal region of the protein sequence according to NP_000390.2.
Sequence:	HGTAGPDRKP FPC
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	EGR2
Alternative Name:	EGR2 (EGR2 Products)
Background:	EGR2, early growth response 2 (Krox-20 homolog, Drosophila) , CMT1D, CMT4E,
	DKFZp686J1957, FLJ14547, KROX20, KROX-20, Drosophila, homolog (early growth response-
	2), Krox-20 homolog, OTTHUMP0000062133 , early growth response 2 protein
Gene ID:	1959, 13654, 114090
NCBI Accession:	NP_000390
Application Details	
Application Notes:	Western Blot: Approx 55 kDa band observed in lysates of cell line HepG2 (calculated MW of
	50.3 kDa according to NP_000390.2). Recommended concentration: 2-6 μ g/mL. Primary
	incubation was 1 hour.
	Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.

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Immunohistochemistry

Image 1. ABIN334389 (3.8µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa	Image 2. ABIN334389 (0.03µg/ml) staining of HepG2 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.
20kDa 15kDa 250kDa 150kDa	Western Blotting
100kDa 75kDa 50kDa 37kDa	Image 3. ABIN334389 (2µg/ml) staining of lysates of cell line HepG2 (35µg protein in RIPA buffer). Detected by chemiluminescence.
25kDa 20kDa	
15kDa	

Please check the product details page for more images. Overall 4 images are available for ABIN334389.

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