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Datasheet for 600-401-CE8

KLF17 Antibody

Overview

Description:	Anti-KLF17 (RABBIT) Antibody - 600-401-CE8
Item No.:	600-401-CE8
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	KLF17, also known as ZNF393, is a member of the Sp/KLF family of transcription factors (1,2). KLF17 binds to the promoter and negatively regulates the transcription of Id-1, a key metastasis regulator in breast cancer (3). Suppression of KLF17 promotes breast cancer cell invasion and epithelial-mesenchymal transition (3). Down-regulated KLF17 expression is also associated tumor invasion and poor prognosis in hepatocellular carcinoma, suggesting that the level of KLF17 expression can serve as a prognostic indicator (4).
Synonyms:	Kruppel-like factor 17, zinc finger protein 393, ZNF393, Zfp393
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	KLF17
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-KLF17 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid peptide near the C-terminus of human KLF17.

Purity/Specificity:	Anti-KLF17 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. KLF17 antibody is human, mouse and rat reactive. At least two isoforms of KLF17 are known to exist; this antibody will only detect the large isoform. KLF17 antibody is predicted to not cross-react with other KLF proteins.
Relevant Links:	• UniProtKB - Q5JT82 • GeneID - 128209 • NCBI - NP_775755

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-KLF17 Antibody has been tested for use in ELISA, immunohistochemistry, and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 43 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IHC:	5 µg/mL
WB:	1-2 µg/mL

Formulation

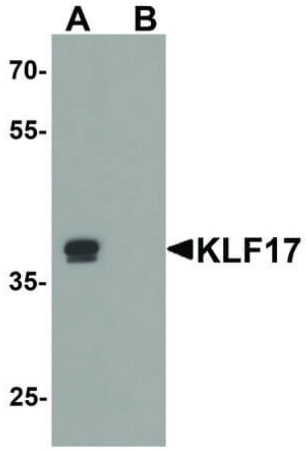
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot
Western Blot of Rabbit anti-KLF17 antibody. Lane A: rat liver tissue lysate in the absence of blocking peptide. Lane B: rat liver tissue lysate in the presence of blocking peptide. Primary antibody: KLF17antibody at 1 µg/mL overnight at 4℃. Secondary antibody: Goat anti-Rabbit HRP secondary antibody. Block: 5% BLOTTO. Predicted/Observed size: 28/39/43 kDa, 38 kDa for KLF17.

Disclaimer

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