Datasheet for ABIN2777635

anti-KLF8 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	KLF8
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Rat, Guinea Pig, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLF8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KLF8
Sequence:	LEIPSDSEES TIESGSSALQ SLQGLQQEPA AMAQMQGGES LDLKRRRIHQ
Predicted Reactivity:	Dog: 100%, Guinea Pig: 86%, Horse: 83%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against KLF8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KLF8
Alternative Name:	KLF8 (KLF8 Products)

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Target Details

Background:	KLF8 is abnormally expressed in female patients with X autosome translocation t(X,21)(p11.2,q22.3) and non-syndromic mental retardation. Alias Symbols: BKLF3, DKFZp686O08126, DXS741, MGC138314, ZNF741 Protein Interaction Partner: Dlg4, APP, UBC, XPO1, PARP1, KAT2B, EP300, CREBBP, FHL3, CTBP2, Protein Size: 359
Molecular Weight:	39 kDa
Gene ID:	11279
NCBI Accession:	NM_007250, NP_009181
UniProt:	O95600

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 359 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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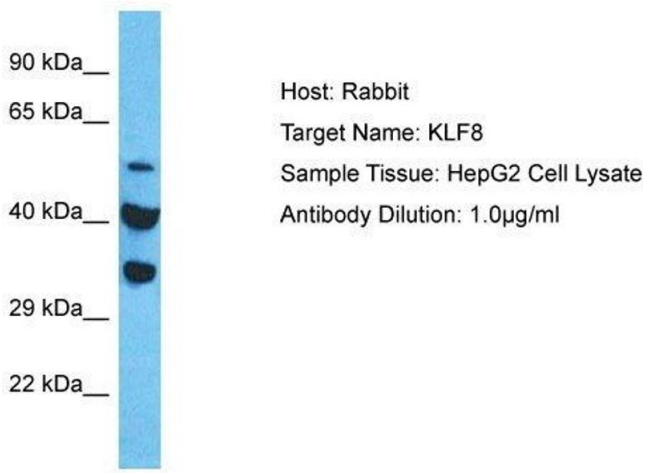
Western Blotting

Image 1. WB Suggested Anti-KLF8 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: KLF8 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml

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