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Datasheet for ABIN2792598

anti-RUNX1 antibody (Middle Region)

5 Images

Overview

Quantity:	100 µL
Target:	RUNX1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUNX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RUNX1
Sequence:	ASLNHSTAFN PQQSQMQDT RQIQSPPPWS YDQSYQYLGS IASPSVHPAT
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RUNX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RUNX1
Alternative Name:	RUNX1 (RUNX1 Products)
Background:	<p>Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. RUNX1 is the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis.</p> <p>Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: AML1, AML1-EVI-1, AMLCR1, CBFA2, EVI-1, PEBP2aB</p> <p>Protein Interaction Partner: YAP1, UBC, HDAC11, SOX2, SMAD3, CTBP1, RUNX1, FOXP3, NCOR2, MYC, NOTCH1, UXT, CTBP2, KAT6A, PML, CREBBP, CBF, PRMT1, HLA-DMA, HDAC2, HDAC1, CBFA2T3, RUNX1T1, CBFA2T2, ELAVL1, DNMT1, SPEN, RBM14, KMT2A, COPRS, HDAC3, TAL1, CDK1, SMARCC1, SMARCB1, SMARCA4,</p> <p>Protein Size: 480</p>
Molecular Weight:	52 kDa
Gene ID:	861
NCBI Accession:	NM_001754 , NP_001745
UniProt:	B2RMS4

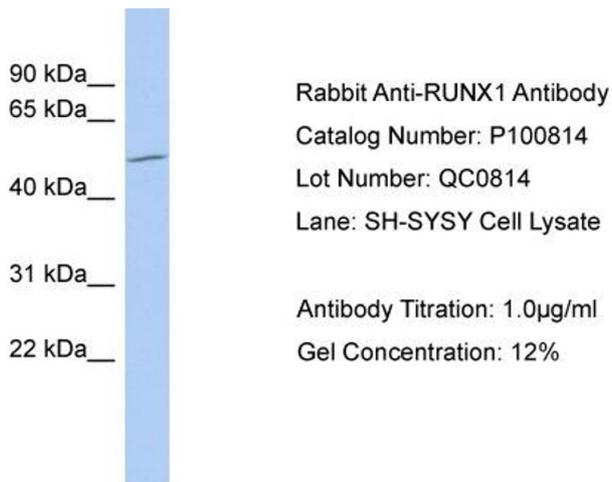
Application Details

Application Notes:	<p>WB Suggested Anti-RUNX1 Antibody Titration: 0.2-1 µg/mL</p> <p>ELISA Titer: 1:1562500</p> <p>Positive Control: SH-SY5Y cell lysate.</p> <p>Optimal working dilutions should be determined experimentally by the investigator.</p>
Comment:	Antigen size: 480 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.

Images

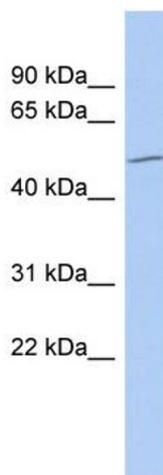


Western Blotting

Image 1. WB Suggested Anti-RUNX1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

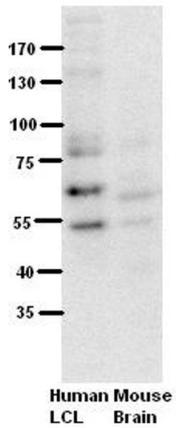
Positive Control: SH-SY5Y cell lysate



Western Blotting

Image 2. WB Suggested Anti-RUNX1 Antibody Titration: 0.2-

1 µg/ml ELISA Titer: 1:1562500 Positive Control: SH-SY5Y cell lysate



(P100814_P050)

RUNX1

Western Blot

Human LCL and Mouse Brain

Dilution: 1 to 500

5% Milk

Application data in forum

Submitted by:
Katheleen Gardiner
University of Colorado Denver

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2792598.