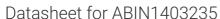
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anti-KLF1/2/4 antibody (AA 279-303) (Alexa Fluor 350)



Go to Product page

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Abstract:

Background:

Quantity:	100 μL	
Target:	KLF1/2/4	
Binding Specificity:	AA 279-303	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KLF1/2/4 antibody is conjugated to Alexa Fluor 350	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human KLF1	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	
Target Details		
Target:	KLF1/2/4	

Synonyms: EKLF, INLU, CDAN4, HBFQTL6, Krueppel-like factor 1, Erythroid krueppel-like

KLF1/2/4 Products

transcription factor, KLF1

Target Details

Background: Transcription regulator of erythrocyte development that probably serves as a general switch factor during erythropoiesis. Is a dual regulator of fetal-to-adult globin switching. Binds to the CACCC box in the beta-globin gene promoter and acts as a preferential activator of this gene. Furthermore, it binds to the BCL11A promoter and activates expression of BCL11A, which in turn represses the HBG1 and HBG2 genes. This dual activity ensures that, in most adults, fetal hemoglobin levels are low. Able to activate CD44 and AQP1 promoters. When sumoylated, acts as a transcriptional repressor by promoting interaction with CDH2/MI2beta and also represses megakaryocytic differentiation (By similarity).

Gene ID:

10661

UniProt:

Q13351

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	