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# Datasheet for ABIN2855604 anti-KLF5 antibody

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## Overview

Quantity:	100 μL
Target:	KLF5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLF5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF),
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC),
	Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	
Product Details Immunogen:	Recombinant protein encompassing a sequence within the center region of human KLF5. The
	Recombinant protein encompassing a sequence within the center region of human KLF5. The exact sequence is proprietary.
Immunogen:	exact sequence is proprietary.
Immunogen: Isotype:	exact sequence is proprietary.
Immunogen: Isotype: Cross-Reactivity:	exact sequence is proprietary.  IgG Human, Mouse, Rat
Immunogen: Isotype: Cross-Reactivity:	exact sequence is proprietary.  IgG Human, Mouse, Rat Rabbit Polyclonal antibody to KLF5 (Kruppel-like factor 5 (intestinal))

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## Target Details

Target:	KLF5
Alternative Name:	Kruppel like factor 5 (KLF5 Products)
Background:	This gene encodes a member of the Kruppel-like factor subfamily of zinc finger proteins. Since the protein localizes to the nucleus and binds the epidermal growth factor response element, it
	is thought to be a transcription factor.

Cellular Localization: Nucleus

Molecular Weight:	51 kDa
Gene ID:	688
UniProt:	Q13887

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: KLF5-transfected 293T , HeLa (500 µM CoCl2 treatment for 24 hr and 10 µM MG132 treatment for 2 hr) Validation: KO/KD, Orthogonal, Overexpression
Restrictions:	For Research Use only

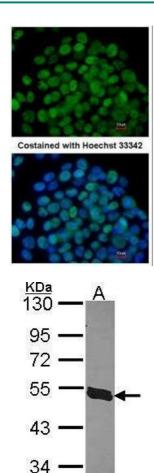
## Handling

Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid
	multiple freeze-thaw cycles.

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Kitano, Kino, Yamamoto, Takitani, Miyoshi, Ishida, Saito, Arima, Satoh: "Bioinformatics Data Mining Approach Suggests Coexpression of AGTPBP1 with an ALS-linked Gene C9orf72." in: Journal of central nervous system disease, Vol. 7, pp. 15-26, (2015) (PubMed).

### Images

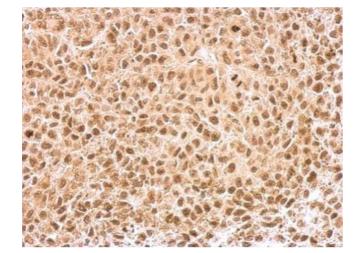


### Immunofluorescence

**Image 1.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed mouse ESC D3, using KLF5, antibody at 1:200 dilution.

## Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: H1299 10% SDS PAGE BTEB2 antibody antibody diluted at 1:1000



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#### Immunohistochemistry

**Image 3.** IHC-P Image KLF5 antibody detects KLF5 protein at nucleus on HeLa xenograft by immunohistochemical analysis. Sample: Paraffin-embedded HeLa xenograft. KLF5 antibody, dilution: 1:500.

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