Anti-KLF4 antibody [ARC0721] (STJ11101428)
STJ11101428

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Rabbit monoclonal antibody anti-KLF4 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunoprecipitation.
Applications	WB, IHC, IF, IP
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

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Clonality	Monoclonal
Clone ID	ARC0721
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000
	IHC 1:50-1:200
	IF 1:50-1:200
	IP 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at-20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

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Gene ID	9314
Gene Symbol	KLF4
Uniprot ID	KLF4_HUMAN
Immunogen	A synthesized peptide derived from human KLF4
Immunogen Region	
Specificity	
Immunogen Sequence	
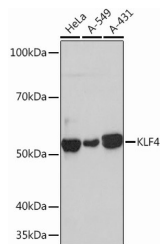
Western blot analysis of extracts of various cell lines, using KLF4 rabbit monoclonal antibody (STJ11101428) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.
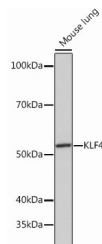
Western blot analysis of extracts of mouse lung, using KLF4 rabbit monoclonal antibody (STJ11101428) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.
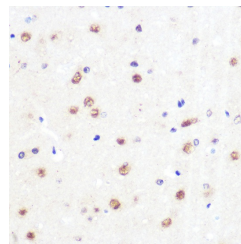
Immunohistochemistry of paraffin-embedded rat brain using KLF4 rabbit monoclonal antibody (STJ11101428) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.
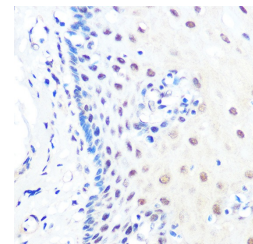
Immunohistochemistry of paraffin-embedded human esophageal using KLF4 rabbit monoclonal antibody (STJ11101428) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.