Datasheet for ABIN2812927

anti-ELF3 antibody (AA 201-300) (AbBy Fluor® 594)

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Overview

Quantity:	100 µL
Target:	ELF3
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELF3 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ESE1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	ELF3
Alternative Name:	ESE1/ELF3 (ELF3 Products)

Target Details

Background:	Synonyms: E74 like factor 3, E74 like factor 3 ets domain transcription factor, E74 like factor 3 ets domain transcription factor epithelial specic, E74 like factor 3 ETS domain transcription factor serine box epithelial specic, E74-like factor 3, Elf3, ELF3_HUMAN, Epithelial restricted with serine box, Epithelial-restricted with serine box, Epithelium restricted Ets protein ESX, Epithelium specic Ets factor 1, Epithelium specic Ets transcription factor 1, Epithelium-restricted Ets protein ESX, Epithelium-specic Ets transcription factor 1, EPR 1, EPR1, ERT, ESE-1, ESX, Ets domain transcription factor serine box, Ets domain transcription factor serine box epithelial specic, Ets transcription factor, ETS-related transcription factor Elf-3, jen, MGC139318. Background: ESE-1, a member of the Ets family of transcription factors, critically regulates epithelial cell differentiation and mediates vascular inflammation. ESE-1 is strongly expressed in vascular endothelium and smooth muscle cells where it is induced in response to inflammatory cytokines and lipopolysaccharides, interacts with NF-KappaB to induce nitric oxide synthase, and is induced during terminal differentiation of epidermal and primary keratinocytes. In addition, ESE-1 is upregulated upon differentiation of corneal epithelium and interacts with Sp1 and AP-1 proteins to induce squamous differentiation marker expression in bronchial epithelial cells.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months