

Elf3 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11047

Product Information

Application	WB
Primary Accession	Q3UPW2
Other Accession	NM_007921 , NP_031947
Reactivity	Human, Mouse, Rat, Dog, Bovine
Predicted	Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44273

Additional Information

Gene ID	13710
Alias Symbol	ESE-1, ESX, jen
Other Names	ETS-related transcription factor Elf-3, E74-like factor 3, Epithelial-restricted with serine box, Epithelium-restricted Ets protein ESX, Epithelium-specific Ets transcription factor 1, ESE-1, Elf3 {ECO:0000312 MGI:MGI:1101781}, Ert, Esx, Jen
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Elf3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Elf3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Elf3 {ECO:0000312 MGI:MGI:1101781}
Synonyms	Ert, Esx, Jen
Function	Transcriptional activator that binds and transactivates ETS sequences containing the consensus nucleotide core sequence GGA[AT]. Acts synergistically with POU2F3 to transactivate the SPRR2A promoter and with RUNX1 to transactivate the ANGPT1 promoter (By similarity). Also transactivates collagenase, CCL20, CLND7, FLG, KRT8, NOS2, PTGS2, SPRR2B, TGFB2 and TGM3 promoters. Represses KRT4 promoter activity (By

similarity). Involved in mediating vascular inflammation. May play an important role in epithelial cell differentiation and tumorigenesis. May be a critical downstream effector of the ERBB2 signaling pathway (By similarity). May be associated with mammary gland development and involution. Plays an important role in the regulation of transcription with TATA-less promoters in preimplantation embryos, which is essential in preimplantation development.

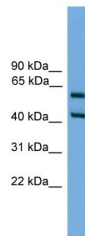
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P78545}. Nucleus {ECO:0000255|PROSITE-ProRule:PRU00237, ECO:0000269|PubMed:16516205}

Tissue Location

Expressed in small intestine, colon, lung, kidney and uterus. Also expressed in the corneal epithelium and conjunctiva of the developing and adult eye. Not detected in liver, spleen, thymus, brain, heart, skeletal muscle or ovary.

Images



WB Suggested Anti-Elf3 Antibody Titration: 0.2-1 µg/ml
Positive Control: SP2/O cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.