

Rabbit anti-Human ELF3 Polyclonal Antibody | anti-ELF3 antibody

Anti-ELF3 Antibody, Rabbit Polyclonal

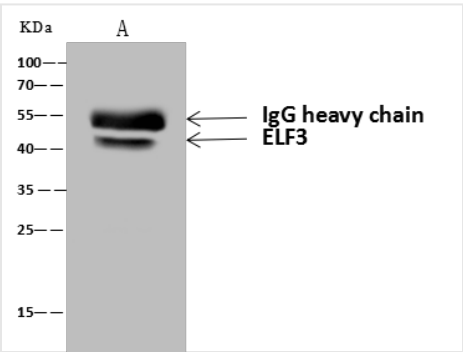
CATALOG # AAA258752	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ELF3; Polyclonal Antibody; Anti-ELF3 Antibody; Rabbit Polyclonal; E74-like factor 3 (ets domain transcription factor; epithelial-specific); Anti-EPR-1 Antibody; Anti-ERT Antibody; Anti-ESE-1 Antibody; Anti-ESX Antibody; anti-ELF3 antibody

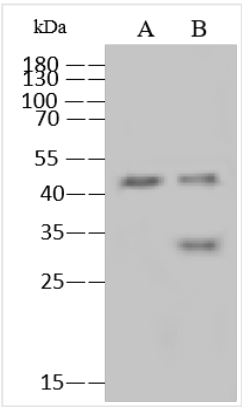
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ELF3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ELF3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human ELF3
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human ELF3, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles



IP (Immunoprecipitation)

ELF3 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 4 uL anti-ELF3 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ELF3 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa. Observed band size: 41 kDa.



WB (Western Blot)

Anti-ELF3 rabbit polyclonal antibody at 1:500 dilution. Lane A: A431 Whole Cell Lysate. Lane B: SKBR-3 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa. Observed band size: 43 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-ELF3 antibody

Chromosomal translocations leading to deregulated expression of ETS transcription factors are frequent in prostate tumors. ESE1/ELF3 was induced by interleukin (IL)-1 β through NF- κ B and was a crucial mediator of the phenotypic and transcriptional changes induced by IL-1 β in prostate cancer cells. ESE1/ELF3 was overexpressed in human primary and metastatic tumors. E74-like factor 3 (ELF3) protein levels are increased in osteoarthritic (OA) cartilage, that ELF3 accounts for inflammatory cytokine-driven MMP13 gene expression, and that, upon induction by interleukin-1 β , ELF3 binds to the COL2A1 promoter and suppresses its activity in chondrocytes. ELF3 is a favorable prognostic marker for ovarian cancer. As a negative regulator of EMT, ELF3-modulated reversal of EMT may be a new effective modality in the treatment of ovarian cancer.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.