

ELOC Rabbit pAb

CatalogNo: YN0297

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 12kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 40-120

Specificity ELOC Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name TCEB1

Protein Name Transcription elongation factor B polypeptide 1 (Elongin 15 kDa subunit) (Elongin-C) (EloC) (RNA polymerase II transcription factor SIII subunit C) (SIII p15)

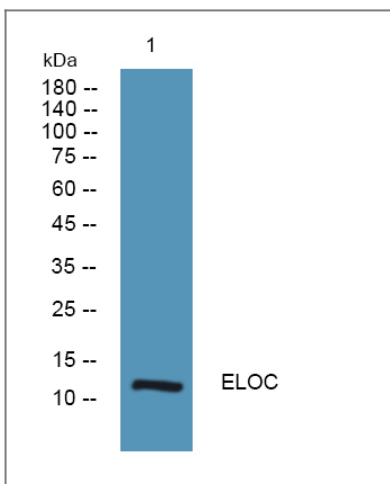
Organism	Gene ID	UniProt ID
Human	6921 ;	Q15369 ;
Mouse		P83940 ;
Rat		P83941 ;

Cellular Localization Nucleus .

Tissue specificity Overexpressed in prostate cancer cell line PC-3 and breast cancer cell line SK-BR-3.

Function Function:SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).,Function:The elongin BC complex seems to be involved as an adapter protein in the proteasomal degradation of target proteins via different E3 ubiquitin ligase complexes, including the von Hippel-Lindau ubiquitination complex CBC(VHL). By binding to BC-box motifs it seems to link target recruitment subunits, like VHL and members of the SOCS box family, to Cullin/RBX1 modules that activate E2 ubiquitination enzymes.,similarity:Belongs to the SKP1 family.,subunit:Heterotrimer of an A (A1, A2 or A3), B and C subunit. Part of E3 ubiquitin ligase complexes with CUL5 or CUL2, RBX1 and a substrate adapter protein that can be either SOCS1, TCEB3, VHL or WSB1 (By similarity). The elongin BC complex is part of a complex with hydroxylated HIF1A. Substrate adapter protein can be a viral protein such as HIV Vif. Interacts with VHL. Interacts with TMF1. Interacts with human respiratory syncytial virus (HRSV) protein NS1.,tissue specificity:Overexpressed in prostate cancer cell line PC-3 and breast cancer cell line SK-BR-3.,

Validation Data



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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