

## Elongin A1 (R129) polyclonal antibody

Catalog: BCP00713

Host: Rabbit

Reactivity: Human

### BackGround:

Individuals harboring germline mutations in the tumor suppressor gene von Hippel-Lindau (VHL) exhibit an increased susceptibility to a variety of tumors including renal carcinoma, hemangio-blastoma of the central nervous system and pheochromocytoma. The Elongin (SIII) complex has been identified as the functional target of the VHL protein. Elongin (SIII) is a heterotrimer composed of a transcriptional active subunit designated Elongin A and two regulatory subunits designated Elongin B and Elongin C. VHL functions by binding to the Elongin B and C subunits, inhibiting the transcriptional efficacy of the Elongin (SIII) complex. The VHL protein migrates with an apparent molecular weight of 38 kDa. The Elongin A subunit is 773 amino acids in length and has an apparent molecular weight of 110 kDa, while Elongin B and C are 18 kDa and 15 kDa proteins, respectively.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~78 kDa

### Swiss-Prot:

Q14241

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

### Storage&Stability:

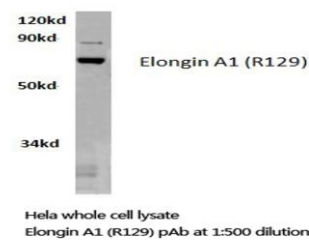
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

Elongin A1 (R129) polyclonal antibody detects endogenous levels of Elongin A1 protein.

### DATA:



Western blot (WB) analysis of Elongin A1 (R129) pAb at 1:500 dilution

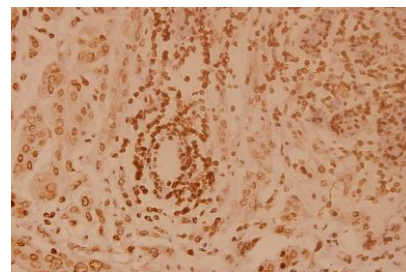
Lane1:HEK293T whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:K562 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:BV2 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Elongin A1 (R129) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.