

Product datasheet for **AP20548PU-S**

Elongin A (TCEB3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/500 - 1/1000. Immunohistochemistry on paraffin sections 1/50 - 1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of Elongin A1 protein. (region surrounding Arg129)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 15 mM sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~78 kDa
Gene Name:	transcription elongation factor B subunit 3
Database Link:	Entrez Gene 6924 Human Q14241



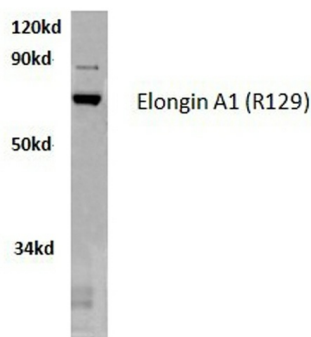
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Background:

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, a 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.

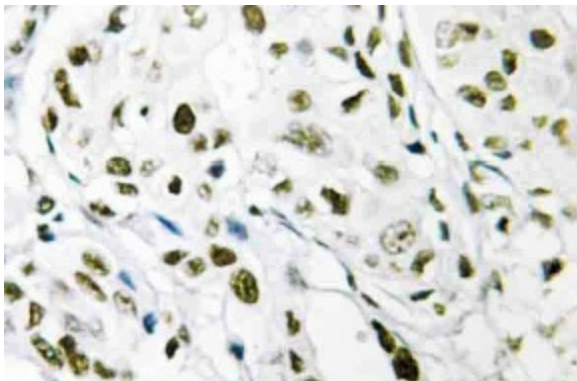
Synonyms:

Elongin 110 kDa subunit, Elongin-A, Elongin A, EloA

Product images:


HeLa whole cell lysate
Elongin A1 (R129) pAb at 1:500 dilution

Western blot (WB) analysis of Elongin A1 antibody (Cat.-No.: [AP20548PU-N]) in extracts from HELA cells.



Immunohistochemistry (IHC) analyzes of Elongin A1 antibody (Cat.-No.: [AP20548PU-N]) in paraffin-embedded human breast carcinoma tissue.