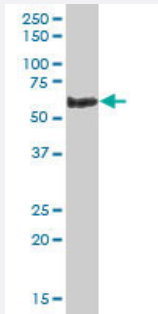


PUF60 polyclonal antibody

Catalog # PAB6268 Size 100 ug

Applications



Western Blot (Cell lysate)

PUF60 polyclonal antibody (Cat # PAB6268) staining (1 ug/mL) of A-431 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PUF60.
Immunogen	A synthetic peptide corresponding to human PUF60.
Sequence	C-YDQERFDNSDLA
Host	Goat
Theoretical MW (kDa)	59.9, 58.2, 55.7
Reactivity	Human
Specificity	This antibody is expected to recognize both reported human isoforms (as represented by NP_055096.2; NP_510965.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

PUF60 polyclonal antibody (Cat # PAB6268) staining (1 ug/mL) of A-431 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PUF60

Entrez GeneID	22827
Protein Accession#	NP_510965.1;NP_055096.2
Gene Name	PUF60
Gene Alias	FIR, FLJ31379, RoBPI, SIAHBP1
Gene Description	poly-U binding splicing factor 60KDa
Omim ID	604819
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a Ro RNP-binding protein. It interacts with Ro RNPs and their interaction is thought to represent a gain of function for Ro RNPs. This protein also forms a ternary complex with far upstream element (FUSE) and FUSE-binding protein. It can repress a c-myc reporter via the FUSE. It is also known to target transcription factor IIIH and inhibit activated transcription. This gene is implicated in the xeroderma pigmentosum disorder. There are two alternatively spliced transcript variants of this gene encoding different isoforms. There seems to be evidence of multiple polyadenylation sites for this gene. [provided by RefSeq]

Other Designations

FBP interacting repressor|Ro ribonucleoprotein binding protein 1|Ro ribonucleoprotein-binding protein 1|fuse-binding protein-interacting repressor|poly-U binding splicing factor PUF60|pyrimidine tract binding splicing factor|siah binding protein 1

Publication Reference

- [Systematic exploration of dynamic splicing networks reveals conserved multistage regulators of neurogenesis.](#)

Hong Han, Andrew J Best, Ulrich Braunschweig, Nicholas Mikolajewicz, Jack Daiyang Li, Jonathan Roth, Fuad Chowdhury, Federica Mantica, Syed Nabeel-Shah, Guillermo Parada, Kevin R Brown, Dave O'Hanlon, Jiarun Wei, Yuxi Yao, Abdelrahman Abou Zid, Lim Caden Comsa, Mark Jen, Jenny Wang, Alessandro Datti, Thomas Gonatopoulos-Pournatzis, Robert J Weatheritt, Jack F Greenblatt, Jeffrey L Wrana, Manuel Irimia, Anne-Claude Gingras, Jason Moffat, Benjamin J Blencowe.

Molecular Cell 2022 Aug; 82(16):2982.

Application: WB-Tr, Mouse, N2A cells

- [The FBP interacting repressor targets TFIIH to inhibit activated transcription.](#)

Liu J, He L, Collins I, Ge H, Libutti D, Li J, Egly JM, Levens D.

Molecular Cell 2000 Feb; 5(2):331.

Application: IP, PI, WB-Tr, Human, HeLa cells