

DATASHEET

PQBP1 Rabbit Polyclonal Antibody

CAT. NO. APA14373

KEY FEATURES

Target	PQBP1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Intrinsically disordered protein that acts as a scaffold, and which is involved in different processes, such as pre-mRNA splicing, transcription regulation, innate immunity and neuron development . Interacts with splicing-related factors via the intrinsically disordered region and regulates alternative splicing of target pre-mRNA species . May suppress the ability of POU3F2 to transactivate the DRD1 gene in a POU3F2 dependent manner. Can activate transcription directly or via association with the transcription machinery . May be involved in ATXN1 mutant-induced cell death . The interaction with ATXN1 mutant reduces levels of phosphorylated RNA polymerase II large subunit .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

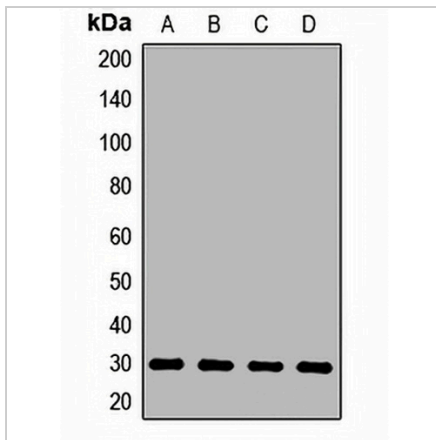
Description	Rabbit polyclonal antibody to PQBP1
Specificity	Recognizes endogenous levels of PQBP1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PQBP1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 6; Observed: 30 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NPW38; Polyglutamine-binding protein 1; PQBP-1; 38 kDa nuclear protein containing a WW domain; Npw38; Polyglutamine tract-binding protein 1
Gene Symbol	PQBP1
Entrez Gene	10084(Human); 54633(Mouse); 302557(Rat)
SwissProt	O60828(Human); Q91VJ5(Mouse); Q6PCT5(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PQBP1 expression in SKOV3 (A), HL60 (B), mouse brain (C), rat liver (D) whole cell lysates. (Predicted band size: 6; 7; 8; 14; 17; 18; 26; 30 kD; Observed band size: 30 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.