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Datasheet for ABIN7163843

anti-PQBP1 antibody (AA 2-265) (HRP)

Overview

Quantity:	100 µg
Target:	PQBP1
Binding Specificity:	AA 2-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PQBP1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Polyglutamine-binding protein 1 protein (2-265AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PQBP1
Alternative Name:	PQBP1 (PQBP1 Products)
Background:	Background: Probably functions as scaffold protein that is part of numerous complexes and thereby plays a role in pre-mRNA splicing, transcription regulation and neuron development.

Target Details

Required for normal alternative splicing of target pre-mRNA species (PubMed:23512658). 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.

Aliases: 38 kDa nuclear protein containing a WW domain antibody, Mental retardation, X linked 55 antibody, MRX55 antibody, MRXS3 antibody, MRXS8 antibody, Npw38 antibody, Nuclear protein containing WW domain 38 kD antibody, OTTHUMP00000025808 antibody, Polyglutamine binding protein 1 antibody, Polyglutamine tract binding protein 1 antibody, Polyglutamine tract-binding protein 1 antibody, Polyglutamine-binding protein 1 antibody, PQBP 1 antibody, PQBP-1 antibody, PQBP1 antibody, PQBP1_HUMAN antibody, RENS1 antibody, SHS antibody, Sutherland Haan X linked mental retardation syndrome antibody

UniProt: [O60828](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.