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Datasheet for ABIN1393110

anti-PQBP1 antibody (AA 185-265) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	PQBP1
Binding Specificity:	AA 185-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PQBP1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PQBP1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PQBP1
Alternative Name:	PQBP1 (PQBP1 Products)
Background:	Synonyms: 38 kDa nuclear protein containing a WW domain, Mental retardation, X linked 55,

Target Details

MRX55, MRXS3, MRXS8, Npw38, Nuclear protein containing WW domain 38 kD, Polyglutamine binding protein 1, Polyglutamine tract binding protein 1, Polyglutamine tract-binding protein 1, Polyglutamine-binding protein 1, PQBP 1, PQBP-1, PQBP1, PQBP1_HUMAN, RENS1, SHS, Sutherland Haan X linked mental retardation syndrome.

Background: Polyglutamine(Q) tract binding protein-1 (PQBP-1) is a transcription repressor that associates with polyglutamine tract-containing transcription regulators and causative genes for neurodegenerative disorders. Hepta- and di-amino acid repeat sequences rich in polar residues are essential for PQBP-1 to interact with polyglutamine tract-containing proteins (i.e. huntingtin, androgen receptor and Brain-2). PQBP-1 contains a WWP/WW domain that binds proline-rich motifs and a C2 domain that can influence Ca²⁺-dependent phospholipid signaling. PQBP-1 localizes to the nucleus and is present in neurons throughout the brain, with abundant levels in hippocampus, cerebellar cortex and olfactory bulb. The human PQBP-1 gene maps to chromosome Xp11.23.

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months