Datasheet for ABIN7163840
anti-PQBP1 antibody (AA 2-265)

1 Image

## Overview

| Quantity: | $100 \mu \mathrm{~g}$ |
| :--- | :--- |
| Target: | PQBP1 |
| Binding Specificity: | AA 2-265 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PQBP1 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| Immunogen: | Recombinant Human Polyglutamine-binding protein 1 protein $(2-265 \mathrm{AA})$ |
| :--- | :--- |
| Isotype: | lgG |
| 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 <br> thereby plays a role in pre-mRNA splicing, transcription regulation and neuron development. |


|  | 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. <br> 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: | 060828 |
| Pathways: | Ribonucleoprotein Complex Subunit Organization |
| Application Details |  |
| Application Notes: | Recommended dilution: IHC:1:20-1:200, |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | Preservative: 0.03 \% Proclin 300 <br> 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: | $-20^{\circ} \mathrm{C},-80^{\circ} \mathrm{C}$ |
| Storage Comment: | Upon receipt, store at $-20^{\circ} \mathrm{C}$ or $-80^{\circ} \mathrm{C}$. Avoid repeated freeze. |



## Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7163840 at dilution of 1:100

