


Anti-PQBP1 antibody ab100797

1 References [画像数 3](#)

製品の概要

製品名	Anti-PQBP1 antibody
製品の詳細	Rabbit polyclonal to PQBP1
由来種	Rabbit
アプリケーション	適用あり: WB, IP, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Horse, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide within Human PQBP1 aa 150-250. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. NP_005701.1 Database link: O60828
ポジティブ・コントロール	HeLa, 293T lysates
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
精製度	Immunogen affinity purified
特記事項 (精製)	Antibody was affinity purified using an epitope specific to PQBP1 immobilized on solid support
ポリ/モノ	ポリクローナル

アプリケーション

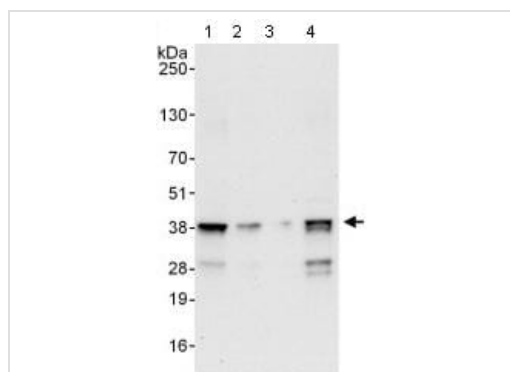
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab100797の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 30 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

機能	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.
組織特異性	Widely expressed with high level in heart, skeletal muscle, pancreas, spleen, thymus, prostate, ovary, small intestine and peripheral blood leukocytes.
関連疾患	Defects in PQBP1 are the cause of Renpenning syndrome 1 (RENS1) [MIM:309500]; also known as Sutherland-Haan X-linked mental retardation syndrome (SHS) or X-linked mental retardation syndromes MRXS3/MRXS8/MRX55. The clinical features are mental retardation, microcephaly, short stature, and small testes. The craniofacies tends to be narrow and tall with upslanting palpebral fissures, abnormal nasal configuration, cupped ears, and short philtrum. The nose may appear long or bulbous, with overhanging columella. Less consistent manifestations include ocular colobomas, cardiac malformations, cleft palate, and anal anomalies. RENS1 is more frequently in males than in females where little or no expression is found.
配列類似性	Contains 1 WW domain.
ドメイン	The WW domain may play a role as a transcriptional activator directly or via association with the transcription machinery. The WW domain mediates interaction with C-terminal domain of RNA polymerase II large subunit.
細胞内局在	Nucleus. Co-localized with POU3F2. Co-localized with ATXN1 in nuclear inclusion bodies.

画像



Western blot - Anti-PQBP1 antibody (ab100797)

All lanes : Anti-PQBP1 antibody (ab100797) at 0.1 µg/ml

Lane 1 : HeLa whole Cell Lysate at 50 µg

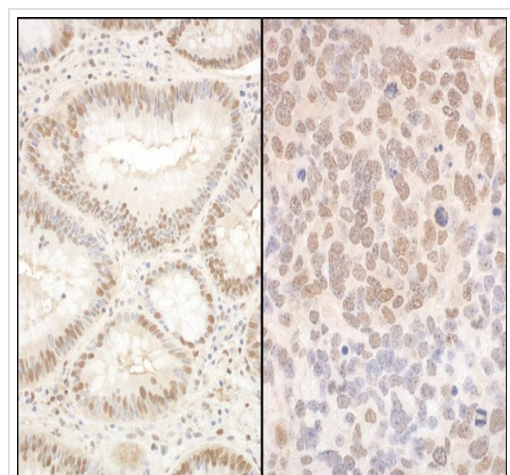
Lane 2 : HeLa whole Cell Lysate at 15 µg

Lane 3 : HeLa whole Cell Lysate at 5 µg

Lane 4 : 293T whole Cell Lysate at 50 µg

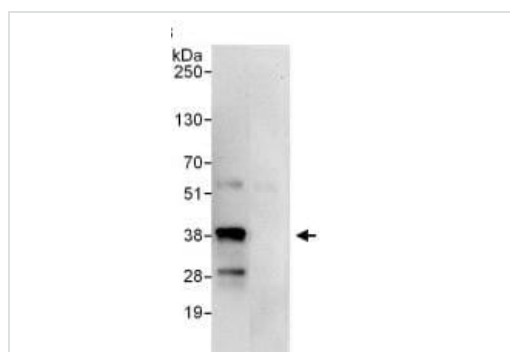
Predicted band size: 30 kDa

Exposure time: 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PQBP1 antibody (ab100797)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma (left) and mouse teratoma (right) tissues labelling PQBP1 with ab100797 at 1/1000 (1µg/mg). Detection: DAB.



Immunoprecipitation - Anti-PQBP1 antibody (ab100797)

ab100797 at 1 µg/ml staining PQBP1 in HeLa cell lysate immunoprecipitated using ab100797 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Exposure time: 10 seconds

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