

Anti-PQBP1 antibody ab100797

1 References **3 图像**

概述

产品名称	Anti-PQBP1抗体
描述	兔多克隆抗体to PQBP1
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Horse, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan

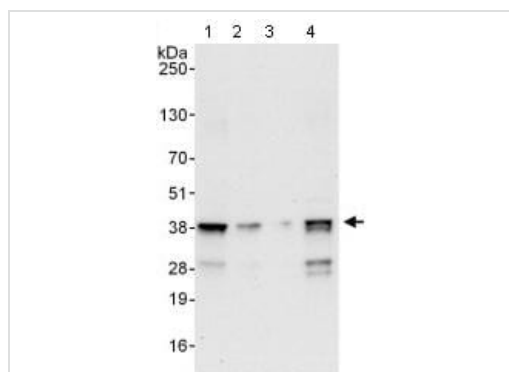


免疫原	Synthetic peptide within Human PQBP1 aa 150-250. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. NP_005701.1 Database link: <u>O60828</u>
阳性对照	HeLa, 293T lysates
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
纯度	Immunogen affinity purified
纯化说明	Antibody was affinity purified using an epitope specific to PQBP1 immobilized on solid support
克隆	多克隆

同种型	IgG	
应用		
The Abpromise guarantee Abpromise™ 承诺保证使用ab100797于以下的经测试应用		
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。		
应用	Ab评论	说明
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.
靶标		
功能	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.	
组织特异性	Widely expressed with high level in heart, skeletal muscle, pancreas, spleen, thymus, prostate, ovary, small intestine and peripheral blood leukocytes.	
疾病相关	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.	
序列相似性	Contains 1 WW domain.	
结构域	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.	
细胞定位	Nucleus. Co-localized with POU3F2. Co-localized with ATXN1 in nuclear inclusion bodies.	
图片		



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

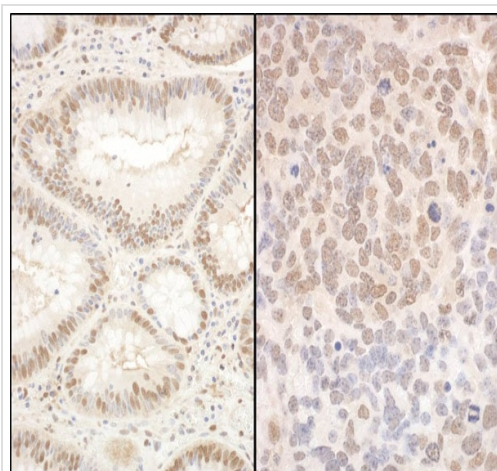
Lane 2 : HeLa whole Cell Lysate at 15 µg

Lane 3 : HeLa whole Cell Lysate at 5 µg

Lane 4 : 293T whole Cell Lysate at 50 µg

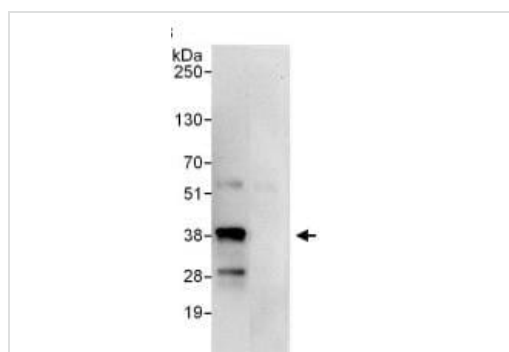
Predicted band size: 30 kDa

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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