

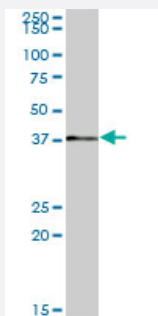
MaxPab®

RP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006102-B01P

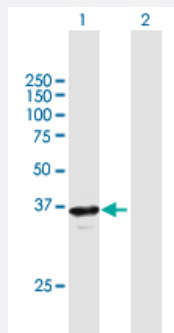
Size 50 ug

Applications



Western Blot (Tissue lysate)

RP2 MaxPab polyclonal antibody. Western Blot analysis of RP2 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of RP2 expression in transfected 293T cell line ([H00006102-T01](#)) by RP2 MaxPab polyclonal antibody.

Lane 1: RP2 transfected lysate(38.5 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RP2 protein.

Immunogen

RP2 (AAH43348.1, 1 a.a. ~ 350 a.a) full-length human protein.

Sequence

MGCFFSKRRKADKESRPENEEERPQYSWDQREKVDPKDYMFSGLKDETVGRLPGTVAGQQF
LIQDCENCNIYFDHSATVTIDDCTNCIIFLGPVKGSVFFRNCRDCKCTLACQQFRVRDCRKLEVFL
CCATQPIIESSSNIKFGCFQWYYPELAFQFKDAGLSIFNNTWSNIHDFTPVSGELNWSLLPEDAVV
QDYVPIPTTEELKAVRVSTEANRSIVPISRGQRQKSSDESCLVVLFAGDYTIANARKLIDEMVGKGF
FLVQTKEVSMKAEDAQRVFREKAPDFLPLLNKGPVIALEFNGDGAVEVCQLVNEIFNGTKMFVS
ESKETASGDVDSFYNFADIQMG

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — RP2

Entrez GeneID	6102
GeneBank Accession#	BC043348.2
Protein Accession#	AAH43348.1
Gene Name	RP2
Gene Alias	DELXp11.3, KIAA0215, TBCCD2
Gene Description	retinitis pigmentosa 2 (X-linked recessive)
Omim ID	300578 312600
Gene Ontology	Hyperlink

Gene Summary

The RP2 locus has been implicated as one cause of X-linked retinitis pigmentosa. The predicted gene product shows homology with human cofactor C, a protein involved in the ultimate step of beta-tubulin folding. Progressive retinal degeneration may therefore be due to the accumulation of incorrectly-folded photoreceptor or neuron-specific tubulin isoforms followed by progressive cell death [provided by RefSeq]

Other Designations

OTTHUMP00000023189|XRP2 protein

Disease

- [Genetic Diseases](#)
- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)