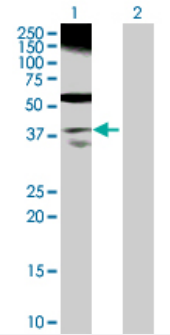
MaxPab®

RP2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006102-D01P Size 100 ug

Applications



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(39.60 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MGCFFSKRRKADKESRPENEEERPKQYSWDQREKVDPKDYMFSGLKDETVGRLPGTVAGQQF LIQDCENCNIYIFDHSATVTIDDCTNCIIFLGPVKGSVFFRNCRDCKCTLACQQFRVRDCRKLEVFL CCATQPIIESSSNIKFGCFQWYYPELAFQFKDAGLSIFNNTWSNIHDFTPVSGELNWSLLPEDAVV QDYVPIPTTEELKAVRVSTEANRSIVPISRGQRQKSSDESCLVVLFAGDYTIANARKLIDEMVGKGF FLVQTKEVSMKAEDAQRVFREKAPDFLPLLNKGPVIALEFNGDGAVEVCQLIVNEIFNGTKMFVS ESKETASGDVDSFYNFADIQMGI
Host	Rabbit
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

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 be ta-tubulin folding. Progressive retinal degeneration may therefore be due to the accumulation of in correctly-folded photoreceptor or neuron-specific tubulin isoforms followed by progressive cell de ath [provided by RefSeq
Other Designations	OTTHUMP00000023189|XRP2 protein

Disease

- Genetic Diseases
- Retinal Diseases

- Retinitis Pigmentosa