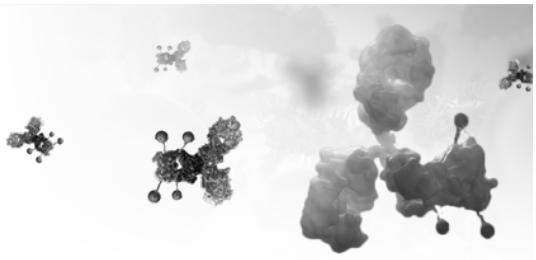

Anti-RP2 (aa 251-350) polyclonal antibody (DPAB-DC2721)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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
Immunogen	RP2 (NP_008846, 251 a.a. ~ 350 a.a) partial recombinant protein with GST tag. The sequence is RKLIDEMVGKGFFLVQTKEVSMKAEDAQRVFREKAPDFLPLLNKGPVIALEFNGDGAVEV CQLIVNEIFNGTKMFVSESKETASGDVDSFYNFADIQMGI
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	RP2 retinitis pigmentosa 2 (X-linked recessive) [Homo sapiens (human)]
Official Symbol	RP2
Synonyms	RP2; retinitis pigmentosa 2 (X-linked recessive); XRP2; NME10; TBCCD2; NM23-H10; DELXp11.3; protein XRP2;
Entrez Gene ID	6102
Protein Refseq	NP_008846
UniProt ID	O75695
Chromosome Location	Xp11.3
Function	ATP binding; GTP binding; GTPase activator activity; actin binding

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