



Rabbit Anti-Human RHO Polyclonal Antibody (DPABH-20528)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human RHO (NP_000530.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB
Positive Control	Mouse eye,Rat eye
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction Retinitis pigmentosa is an inherited progressive disease which is a major cause of blindness in

western communities. It can be inherited as an autosomal dominant, autosomal recessive, or X-linked recessive disorder. In the autosomal dominant form, which comprises about 25% of total cases, approximately 30% of families have mutations in the gene encoding the rod photoreceptor-specific protein rhodopsin. This is the transmembrane protein which, when photoexcited, initiates the visual transduction cascade. Defects in this gene are also one of the causes of congenital stationary night blindness.

Keywords	RHO; rhodopsin; RP4; OPN2; CSNBAD1; opsin-2; opsin 2, rod pigment;
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GENE INFORMATION

Entrez Gene ID	6010
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UniProt ID	P08100
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