



Anti-RCVRN (aa 101-199) polyclonal antibody (DPAB-DC2684)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy.
Immunogen	RCV1 (NP_002894.1, 101 a.a. ~ 199 a.a) partial recombinant protein with GST tag. The sequence is KLEWAFSLYDVGNGTISKNEVLEIVMAIFKMITPEDVKLLPDDENTPEKRAEKIWKYFG KNDDDKLTEKEFIEGTLANKEILRLIQFEPQKVKEKMKN
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

Gene Name	RCVRN recoverin [Homo sapiens (human)]
Official Symbol	RCVRN
Synonyms	RCVRN; recoverin; RCV1; cancer associated retinopathy antigen; cancer-associated retinopathy protein;
Entrez Gene ID	5957
Protein Refseq	NP_002894
UniProt ID	P35243
Chromosome Location	17p13.1
Pathway	Disease; Inactivation, recovery and regulation of the phototransduction cascade; Phototransduction; The phototransduction cascade
Function	calcium ion binding; calcium sensitive guanylate cyclase activator activity;