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Datasheet for ABIN238680

anti-RPE65 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	RPE65
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPE65 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	RPE65
Immunogen:	C-EVKKNARKAPQPE
Sequence:	EVKKNARKAP QPE
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	RPE65
Alternative Name:	RPE65 (RPE65 Products)
Background:	MRPE65, sRPE65, retinal pigment epithelium-specific protein 65 kDa, LCA2, RP20, rd12, RBP-binding membrane protein, p63, retinal pigment epithelium-specific 61 kDa protein, retinal pigment epithelium-specific protein (65kD), retinitis pigmentosa 20
Gene ID:	6121
NCBI Accession:	NP_000320

Application Details

Application Notes:	Western Blot: Approx 65 kDa band observed in Rat Retina lysates (calculated MW of 60.9 kDa according to Human NP_000320.1 and 61.0 kDa according to Rat NP_446014.1). Recommended concentration: 0.5-1.5 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN238680 (0.1µg/ml) staining of Rat Retina lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Image 2. ABIN238680 (0.5µg/ml) staining of Rat Retina lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.