

Datasheet for ABIN325738 **anti-RPE65 antibody**



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Overview

Quantity:	100 µL
Target:	RPE65
Reactivity:	Human, Rat, Mouse, Cow, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RPE65 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Bovine RPE microsomal membrane proteins.
	Type of Immunogen: Recombinant protein
Isotype:	IgG1 kappa
Specificity:	Recognizes RPE65. Species cross-reactivity: Bovine, porcine, human and mouse.
Purification:	Protein A purified

Target Details

Target:	RPE65
Alternative Name:	RPE65 (RPE65 Products)
Background:	Name/Gene ID: RPE65

Target Details

Synonyms: RPE65, LCA2, RBP-binding membrane protein, Retinol isomerase, SRPE65, Rd12, MRPE65, Retinoid isomerohydrolase, RP20

Gene ID: 6121

UniProt: [Q16518](#)

Application Details

Application Notes: Approved: ELISA, ICC, IF (1:250), IHC, IHC-Fr, WB (1:5000 - 1:10000)

Usage: Suitable for use in ELISA, Western Blot, Immunohistochemistry, Immunofluorescence, and Immunocytochemistry. Western Blot 1:5000-1:10000, recognizes a band at ~65kD representing bovine RPE65 protein. Also been tested on recombinant human protein in COS7 cells. Immunohistochemistry (Frozen): 1:250 on murine retinal sections and ICC in porcine. Immunofluorescence: 1:250.

Comment: Target Species of Antibody: Bovine

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.05 % sodium azide.

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: Avoid repeat freeze-thaw cycles.

Storage: 4 °C,-20 °C

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.