

Datasheet for ABIN898534

anti-GCKR antibody (AA 121-220) (AbBy Fluor® 555)



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Overview

Quantity:	100 µL
Target:	GCKR
Binding Specificity:	AA 121-220
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCKR antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCKR
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GCKR
Alternative Name:	Glucokinase regulatory protein (GCKR Products)

Target Details

Background:	Synonyms: GKRP, FGQTL5, Glucokinase regulatory protein, Glucokinase regulator, GCKR Background: Inhibits glucokinase (GCK) by forming an inactive complex with this enzyme. The affinity of GCKR for GCK is modulated by fructose metabolites: GCKR with bound fructose 6-phosphate has increased affinity for GCK, while GCKR with bound fructose 1-phosphate has strongly decreased affinity for GCK and does not inhibit GCK activity.
Gene ID:	2646
UniProt:	Q14397
Pathways:	Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months