

Datasheet for ABIN6743204
anti-GLUT4 antibody (AA 36-85)



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Overview

Quantity:	100 µL
Target:	GLUT4 (SLC2A4)
Binding Specificity:	AA 36-85
Reactivity:	Human, Rabbit, Pig, Cow, Goat, Horse, Dog, Monkey, Guinea Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa36-85 of human SLC2A4 (P14672, NP_001033). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Goat, Elephant, Dog, Cat, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig (100%), Mouse, Rat, Panda, Xenopus (92%), Turkey, Zebra finch, Platypus (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human SLC2A4 / GLUT4
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Rabbit, Horse, Pig (100%) Xenopus (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	GLUT4 (SLC2A4)
Alternative Name:	SLC2A4 / GLUT4 / GLUT-4 (SLC2A4 Products)
Background:	Name/Gene ID: SLC2A4 Subfamily: Sugar transporter Family: Transporter Synonyms: SLC2A4, Glucose transporter 4, Glucose transporter GLUT4, GLUT4, GLUT-4
Gene ID:	6517
NCBI Accession:	NP_001033
UniProt:	P14672
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Proton Transport , Brown Fat Cell Differentiation , Warburg Effect

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Handling

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Image 1.