

# Datasheet for ABIN6743204

## anti-GLUT4 antibody (AA 36-85)





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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	
Product Details Immunogen:	Synthetic peptide located between aa36-85 of human SLC2A4 (P14672, NP_001033). Percent
	Synthetic peptide located between aa36-85 of human SLC2A4 (P14672, NP_001033). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset,
	identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset,
	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,
	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%).
Immunogen:	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

## **Target Details**

rarget 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.	

Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long

4 °C,-20 °C

term use (up to 1 year)

Storage:

Storage Comment:

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

## Images

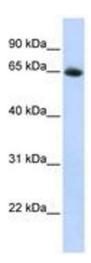


Image 1.