Datasheet for ABIN6744012

anti-P5CS antibody (AA 35-84)

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Overview

Quantity:	100 µL
Target:	P5CS (ALDH18A1)
Binding Specificity:	AA 35-84
Reactivity:	Human, Mouse, Rat, Pig, Cow, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P5CS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa35-84 of human ALDH18A1 (P54886, NP_001017423). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Galago, Elephant, Bovine, Horse, Pig, Lizard (100%), Monkey, Marmoset, Dog, Bat, Rabbit, Turkey, Zebra finch, Chicken, Platypus, Zebrafish (92%), Mouse, Rat, Opossum, Guinea pig, Xenopus (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human ALDH18A1 / P5CS
Predicted Reactivity:	Percent identity by BLAST analysis: Bovine, Horse, Pig (100%) Dog, Rabbit, Chicken, Zebrafish (92%) Mouse, Rat, Guinea pig, Xenopus (85%).
Purification:	Immunoaffinity purified

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Target Details

Target:	P5CS (ALDH18A1)
Alternative Name:	ALDH18A1 (ALDH18A1 Products)
Background:	Name/Gene ID: ALDH18A1 Synonyms: ALDH18A1, p5CS, PYCS, ARCL3A, GSAS
Gene ID:	5832
NCBI Accession:	NP_001017423
UniProt:	P54886

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

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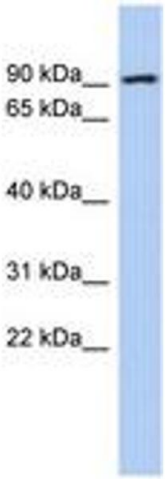

Image 1.

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