bs-17710R

[Primary Antibody]

OGDH Rabbit pAb



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— DATASHEET ————		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500) IF (1:100-500)
GenelD: 4967	SWISS: Q02218	
Target: OGDH		Reactivity: Human (predicted: Pig, Sheep, Cow, Horse)
Immunogen: KLH conjugated sy 931-1023/1023.	nthetic peptide derived from human O	IGDH:
Purification: affinity purified by Protein A		Predicted 111 kDa
Concentration: 1mg/ml		MW.: III KDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		% Subcellular Location: ^{Cytoplasm}
Background: This gene encodes dehydrogenase con conversion of 2-ox and CO(2) during th mitochondrial mat cofactor. A congen activity is believed	one subunit of the 2-oxoglutarate mplex. This complex catalyzes the over oglutarate (alpha-ketoglutarate) to suc ne Krebs cycle. The protein is located in rix and uses thiamine pyrophosphate a ital deficiency in 2-oxoglutarate dehyd to lead to hypotonia, metabolic acidos	rall ccinyl-CoA n the as a lrogenase sis, and

hyperlactatemia. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Sep 2009]

– VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OGDH) Polyclonal Antibody, Unconjugated (bs-17710R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

- SELECTED CITATIONS -

- [IF=8.2] Yingjun Zhou. et al. Auricularia auricula-judae (Bull.) polysaccharides improve obesity in mice by regulating gut microbiota and TLR4/JNK signaling pathway. INT J BIOL MACROMOL. 2023 Oct;250:126172 WB ;Mouse. 37558018
- [IF=3.333] Li X et al. lncRNA Ftx promotes aerobic glycolysis and tumor progression through the PPARy pathway in hepatocellular carcinoma.Int J Oncol. 2018 Aug;53(2):551-566. WB ;Human. 29845188