

Datasheet for ABIN2787765
anti-CRYL1 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	CRYL1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Saccharomyces cerevisiae, Dog, Guinea Pig, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRYL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CRYL1
Sequence:	CVVIVGSGVI GRSWAMLFAS GGFQVKLYDI EQQQIRNALE NIRKEMKLE
Predicted Reactivity:	Dog: 79%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 86%, Rat: 93%, Yeast: 77%
Characteristics:	This is a rabbit polyclonal antibody against CRYL1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CRYL1
Alternative Name:	CRYL1 (CRYL1 Products)
Background:	The uronate cycle functions as an alternative glucose metabolic pathway, accounting for about

Target Details

5 % of daily glucose catabolism. The product of this gene catalyzes the dehydrogenation of L-gulonate into dehydro-L-gulonate in the uronate cycle. The enzyme requires NAD(H) as a coenzyme, and is inhibited by inorganic phosphate. A similar gene in the rabbit is thought to serve a structural role in the lens of the eye.

Alias Symbols: GDH, lambda-CRY

Protein Interaction Partner: UBC, ABCC6, ELAVL1,

Protein Size: 319

Molecular Weight: 35 kDa

Gene ID: 51084

NCBI Accession: [NM_015974](#), [NP_057058](#)

UniProt: [Q9Y2S2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.