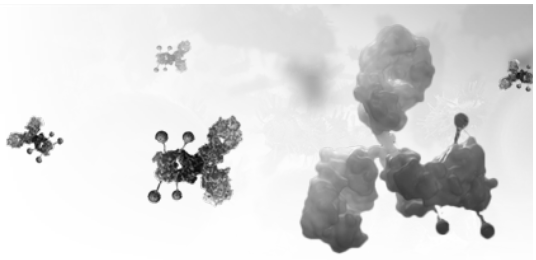

Anti-KLHL3 (aa 1-65) polyclonal antibody (DPAB-DC1286)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is ubiquitously expressed and encodes a full-length protein which has an N-terminal BTB domain followed by a BACK domain and six kelch-like repeats in the C-terminus. These kelch-like repeats promote substrate ubiquitination of bound proteins via interaction of the BTB domain with the CUL3 (cullin 3) component of a cullin-RING E3 ubiquitin ligase (CRL) complex. Muatations in this gene cause pseudohypoaldosteronism type IID (PHA2D); a rare Mendelian syndrome featuring hypertension, hyperkalaemia and metabolic acidosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Immunogen	KLHL3 (NP_059111, 1 a.a. ~ 65 a.a) partial recombinant protein with GST tag. The sequence is MEGESVKLSSQTLIQAGDDEKNQRTITVNPAHMGKAFKVMNELRSKQLLCDVMIVAEDVEIEAHR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
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Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	KLHL3 kelch-like family member 3 [Homo sapiens (human)]
Official Symbol	KLHL3
Synonyms	KLHL3; kelch-like family member 3; PHA2D; kelch-like protein 3;
Entrez Gene ID	26249
Protein Refseq	NP_001244123
UniProt ID	Q9UH77
Chromosome Location	5q31
Function	actin binding; protein binding; structural molecule activity;

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