

KLHL3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04845
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human KLHL3. AA range:10-59
Mol wt	64970
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	KLHL3 Antibody
Synonyms	KLHL3; KIAA1129; Kelch-like protein 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

KLHL3 is ubiquitously expressed and encodes kelch like family member 3 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. Mutations in this gene cause pseudohypoadosteronism type IID (PHA2D); a rare Mendelian syndrome featuring hypertension, hyperkalaemia and metabolic acidosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Recommended Dilution

WB: 1: 500 - 1: 2000

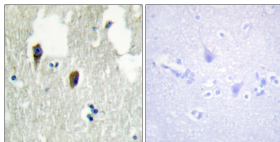
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

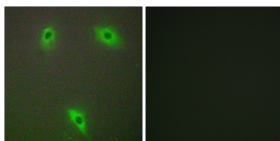
ELISA: 1: 20000

Not yet tested in other applications.

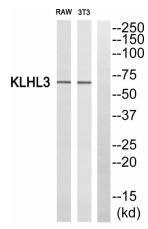
Images



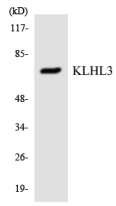
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using KLHL3 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549 cells, using KLHL3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of KLHL3 Antibody. The lane on the right is blocked with the KLHL3 peptide.



Western blot analysis of the lysates from COLO205 cells using KLHL3 antibody.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com