

Datasheet for ABIN1881982
anti-ULK2 antibody (pSer323)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	ULK2
Binding Specificity:	pSer323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULK2 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This ULK2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S323 of human ULK2.
Clone:	RB40763
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ULK2
Alternative Name:	ULK2 (ULK2 Products)

Target Details

Background:	This gene encodes a protein that is similar to a serine/threonine kinase in <i>C. elegans</i> which is involved in axonal elongation. The structure of this protein is similar to the <i>C. elegans</i> protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq].
Molecular Weight:	112694
NCBI Accession:	NP_001136082 , NP_055498
UniProt:	Q8IYT8
Pathways:	Regulation of Cell Size , Autophagy

Application Details

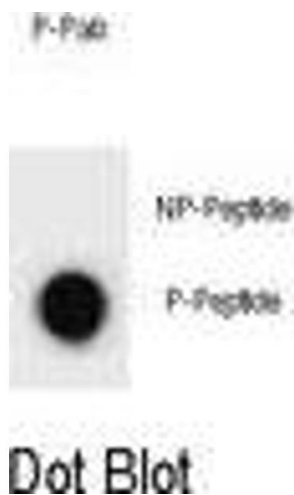
Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

Publications

Product cited in:	Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: Biochemical pharmacology , Vol. 155, pp. 479-493, (2019) (PubMed).
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Dot Blot

Image 1. Dot blot analysis of ULK2 Antibody (Phospho) Phospho-specific Pab (ABIN1881982 and ABIN2839918) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 µg per ml.