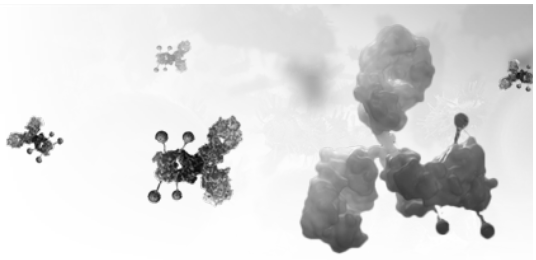

Magic™ Anti-ANKLE2 (internal region) polyclonal antibody (DPAB-DC1053)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the LEM family of inner nuclear membrane proteins. The encoded protein functions as a mitotic regulator through postmitotic formation of the nuclear envelope. Mutations in this gene cause morphology defects in the nuclear envelope and BAF hyperphosphorylation.
Specificity	Three isoforms of ANKLE2 are known to exist; this antibody will detect all three. ANKLE2 antibody is predicted to not cross-react with ANKLE2.
Immunogen	A synthetic peptide corresponding to 19 amino acids at internal region of human ANKLE2.
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Human, Mouse, Rat
Purification	Peptide affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	In PBS (0.02% sodium azide)
Preservative	0.02% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at 4°C for three months. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ANKLE2 ankyrin repeat and LEM domain containing 2 [Homo sapiens (human)]
Official Symbol	ANKLE2
Synonyms	ANKLE2; ankyrin repeat and LEM domain containing 2; Lem4; LEMD7; KIAA0692; ankyrin repeat and LEM domain-containing protein 2; LEM domain containing 7; LEM domain-containing protein 4;
Entrez Gene ID	23141
Protein Refseq	NP_055929
UniProt ID	Q86XL3
Chromosome Location	12q24.33
Pathway	Cell Cycle; Initiation of Nuclear Envelope Reformation; Mitotic Anaphase; Nuclear Envelope Reassembly.
Function	protein binding; protein phosphatase 2A binding; protein phosphatase type 2A regulator activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221