Datasheet for ABIN955675

anti-ZMYND10 antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	ZMYND10
Binding Specificity:	AA 328-356, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 328-356 amino acids from the Central region of human ZMYND10
Isotype:	Ig Fraction
Specificity:	This antibody detects ZMYND10 (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	ZMYND10
Alternative Name:	ZMYND10 (ZMYND10 Products)

Target Details

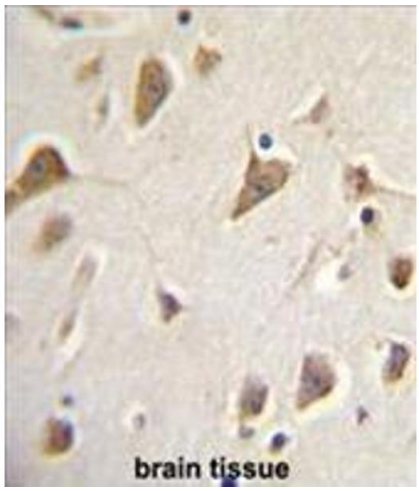
Background:	BLU is a candidate tumor suppressor gene, that spans 4.5 kb on 3p21.3. It encodes a 50 kd protein, which is commonly found in transcription repressors. It is suspected that BLU has a function in cell cycle progression. BLU is a stress-responsive gene regulated by E2F.12 It is commonly found to be downregulated in non-small cell lung cancer, esophagus squamous cell carcinoma and nasopharyngeal carcinoma (NPC).Synonyms: BLU, BLu protein, LUCA12.4, Zinc finger MYND domain-containing protein 10
Gene ID:	51364
NCBI Accession:	NP_056980

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

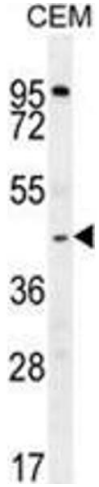
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ZMYND10 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ZMYND10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. ZMYND10 Antibody (Center) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the ZMYND10 antibody detected the ZMYND10 protein (arrow).