

NICE4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51877

Product Information

Application	WB, ICC
Primary Accession	Q14157
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114535

Additional Information

Gene ID	9898
Other Names	Ubiquitin-associated protein 2-like, Protein NICE-4, UBAP2L, KIAA0144, NICE4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NICE4. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	UBAP2L (HGNC:29877)
Synonyms	KIAA0144, NICE4
Function	Recruits the ubiquitination machinery to RNA polymerase II for polyubiquitination, removal and degradation, when the transcription-coupled nucleotide excision repair (TC-NER) machinery fails to resolve DNA damage (PubMed: 35633597). Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT- HSCs) (By similarity). Is a regulator of stress granule assembly, required for their efficient formation (PubMed: 29395067 , PubMed: 35977029). Required for proper brain development and neocortex lamination (By similarity).
Cellular Location	Nucleus. Chromosome. Cytoplasm Cytoplasm, Stress granule Note=Associates with nuclear chromatin.
Tissue Location	Ubiquitous..

References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Marenholz I.,et al.Genome Res. 11:341-355(2001).
Brill L.M.,et al.Anal. Chem. 76:2763-2772(2004).

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