

NICE4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51877

Specification

NICE4 Antibody - Product Information

Application	WB, ICC, E
Primary Accession	O14157
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	115 KDa

NICE4 Antibody - Additional Information

Gene ID 9898

Other Names

Ubiquitin-associated protein 2-like, Protein NICE-4, UBAP2L, KIAA0144, NICE4

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

NICE4 Antibody - 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: <http://www.uniprot.org/citations/35633597> target="_blank">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: <http://www.uniprot.org/citations/29395067> target="_blank">29395067, PubMed: <http://www.uniprot.org/citations/35977029> target="_blank">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..

NICE4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NICE4 Antibody - Images

NICE4 Antibody - References

Nagase T., et al. DNA Res. 2:167-174(1995).
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).