

KIAA1530 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56513**Specification****KIAA1530 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q2YD98
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80591

KIAA1530 Polyclonal Antibody - Additional Information**Gene ID** 57654**Other Names**

UV-stimulated scaffold protein A, UVSSA, KIAA1530

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KIAA1530 Polyclonal Antibody - Protein Information**Name** UVSSA**Synonyms** KIAA1530**Function**

Factor involved in transcription-coupled nucleotide excision repair (TC-NER), a mechanism that rapidly removes RNA polymerase II- blocking lesions from the transcribed strand of active genes (PubMed: [22466610](http://www.uniprot.org/citations/22466610), PubMed: [22466611](http://www.uniprot.org/citations/22466611), PubMed: [22466612](http://www.uniprot.org/citations/22466612)). Facilitates the ubiquitination of the elongating form of RNA polymerase II (RNA pol Ilo) at DNA damage sites, thereby promoting RNA pol Ilo backtracking and access by the TC-NER machinery to lesion sites (PubMed: [22466611](http://www.uniprot.org/citations/22466611), PubMed: [32142649](http://www.uniprot.org/citations/32142649)). Acts by promoting stabilization of ERCC6 by recruiting deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome (PubMed: [22466611](http://www.uniprot.org/citations/22466611), PubMed: [22466612](http://www.uniprot.org/citations/22466612)). Also facilitates transfer of TFIIH to RNA polymerase II

(PubMed:32142649).
Not involved in processing oxidative damage (PubMed:22466612).

Cellular Location

Chromosome. Note=Accumulates at UV DNA damage sites

KIAA1530 Polyclonal 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](#)

KIAA1530 Polyclonal Antibody - Images