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Datasheet for ABIN7175183

**anti-UVSSA/KIAA1530 antibody (AA 143-206) (Biotin)**

## Overview

Quantity:	100 µg
Target:	UVSSA/KIAA1530 (UVSSA)
Binding Specificity:	AA 143-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UVSSA/KIAA1530 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human UV-stimulated scaffold protein A protein (143-206AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	UVSSA/KIAA1530 (UVSSA)
Alternative Name:	UVSSA ( <a href="#">UVSSA Products</a> )
Background:	Background: Factor involved in transcription-coupled nucleotide excision repair (TC-NER) in response to UV damage. TC-NER allows RNA polymerase II-blocking lesions to be rapidly

## Target Details

removed from the transcribed strand of active genes. Acts by promoting stabilization of ERCC6 by recruiting deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome. Interacts with the elongating form of RNA polymerase II (RNA pol Ilo) and facilitates its ubiquitination at UV damage sites, leading to promote RNA pol Ilo backtracking to allow access to the nucleotide excision repair machinery. Not involved in processing oxidative damage.

Aliases: hypothetical protein LOC57654 antibody, K1530\_HUMAN antibody, KIAA1530 antibody, Uncharacterized protein KIAA1530 antibody, UV stimulated scaffold protein A antibody, UVSS3 antibody, UVSSA antibody

UniProt: [Q2YD98](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.