

Datasheet for ABIN7175182

anti-UVSSA/KIAA1530 antibody (AA 143-206)[Go to Product page](#)**1** Image

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 un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

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 (UVSSA Products)
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: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

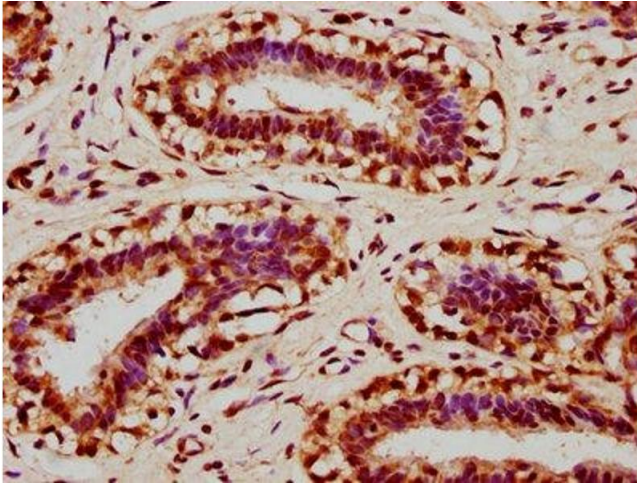
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunohistochemistry

Image 1. IHC image of ABIN7175182 diluted at 1:400 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.