



PRODUCT DATA SHEET

Bioworld Technology, Inc.

UVSSA polyclonal antibody

Catalog: BS34284

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

UV-stimulated scaffold protein A: 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. Acts as a key adapter that promotes recruitment of factors involved in TC-NER. Facilitates the ubiquitination of the elongating form of RNA polymerase II (RNA pol IIo) at DNA damage sites, thereby promoting RNA pol IIo backtracking and access by the TC-NER machinery to lesion sites. Also promotes stabilization of ERCC6/CSB by recruiting deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome. Mediates the recruitment of the TFIIH complex and other factors that are required for nucleotide excision repair to RNA polymerase II. Also required to inactivate stalled RNA polymerase II by blocking the access of TCEA1/TFIIS, thereby preventing rea...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~80.6 kDa

Swiss-Prot:

Q2YD98

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of UVSSA protein

DATA:

Western blot analysis of ADAMTS4 expression in SHSY5Y (A), HepG2 (B), mouse brain (C), mouse liver (D) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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