


Product datasheet

Anti-UHRF1 antibody ab100810

1 References 2 Images

Overview

Product name	Anti-UHRF1 antibody
Description	Rabbit polyclonal to UHRF1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 275-325 of Human UHRF1 (NP_001041666.1)
Positive control	Human Bladder Cell Carcinoma, Human Breast Carcinoma, Human Skin Basal Cell Carcinoma

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab100810** in the following tested applications.

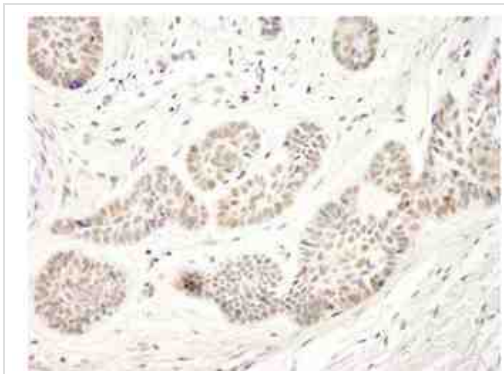
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.

Target

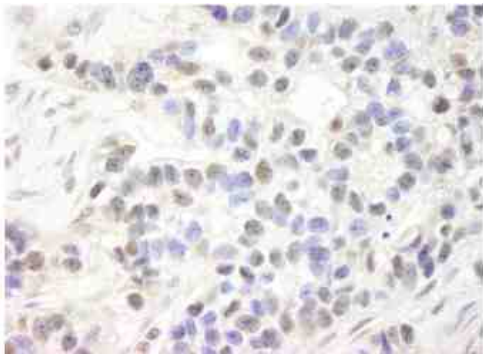
Function	Putative E3 ubiquitin-protein ligase. May participate in methylation-dependent transcriptional regulation. Binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. Important for G1/S transition. May be involved in DNA repair and chromosomal stability.
Tissue specificity	Expressed in thymus, bone marrow, testis, lung and heart. Overexpressed in breast cancer.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 PHD-type zinc finger. Contains 2 RING-type zinc fingers. Contains 1 ubiquitin-like domain. Contains 1 YDG domain.
Developmental stage	Expressed in fetal thymus, liver and kidney.
Domain	The RING finger is required for ubiquitin ligase activity. The YDG domain mediates the interaction with histone H3.
Post-translational modifications	Phosphorylated on serine residues. Phosphorylation may enhance DNA-binding activity. Ubiquitinated; which leads to proteasomal degradation. Polyubiquitination may be stimulated by DNA damage.
Cellular localization	Nucleus.

Images



Staining of Human UHRF1 in a Formalin/PFA-fixed paraffin-embedded section of Human Basal Cell Carcinoma using ab100810 at a dilution of 1/250.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UHRF1 antibody (ab100810)



Staining of Human UHRF1 in a Formalin/PFA-fixed paraffin-embedded section of Human Breast Carcinoma using ab100810 at a dilution of 1/250.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UHRF1 antibody (ab100810)

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