

Datasheet for ABIN396934

anti-DDB1 antibody

3 Images

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Overview

Quantity:	50 µg
Target:	DDB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant human DDB1 protein. Type of Immunogen: Recombinant protein
Isotype:	IgG1 kappa
Specificity:	Specific for the ~130kD human DDB1 protein. Reactivity has been confirmed with human HeLa cells.
Purification:	Protein A purified

Target Details

Target:	DDB1
Alternative Name:	DDB1 (DDB1 Products)

Target Details

Background:	Name/Gene ID: DDB1 Synonyms: DDB1, DDB p127 subunit, DDBA, HBV X-associated protein 1, UV-DDB1, XAP-1, XPE, XPE-binding factor, UV-damaged DNA-binding factor, XPCE, DNA damage-binding protein 1, DNA damage-binding protein a, UV-DDB 1, XAP1, XPE-BF
Gene ID:	1642
UniProt:	Q16531
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Approved: ELISA (0.1 - 1 µg/mL), IHC, IHC-P (5 µg/mL), IP, WB (1 - 5 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Immunoprecipitation: 5-10 µg/reaction. Positive control: Human HeLa cells.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

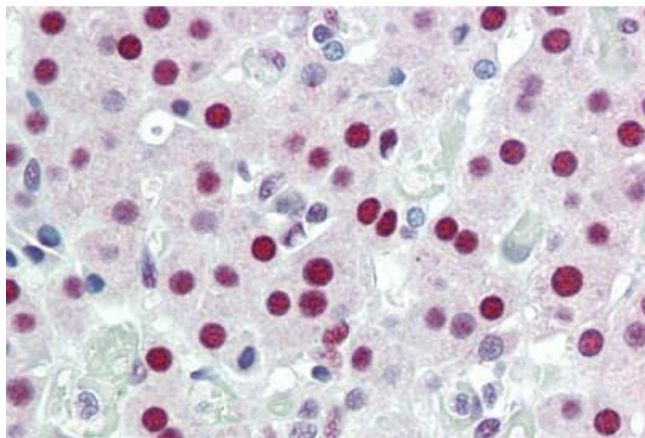
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C

Handling

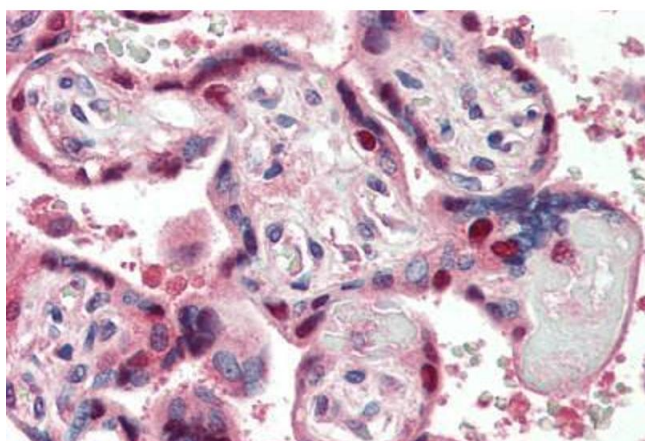
Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.

Images



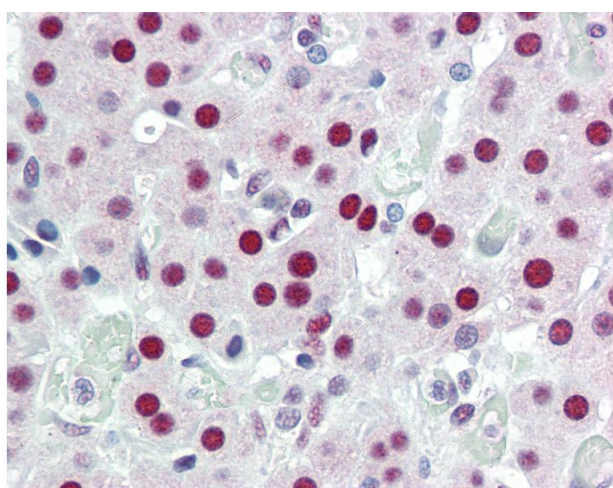
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Adrenal (formalin-fixed, paraffin-embedded) stained with DDB1 antibody ABIN396934 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Placenta (formalin-fixed, paraffin-embedded) stained with DDB1 antibody ABIN396934 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-DDB1 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.