

Anti-UFSP2 Antibody

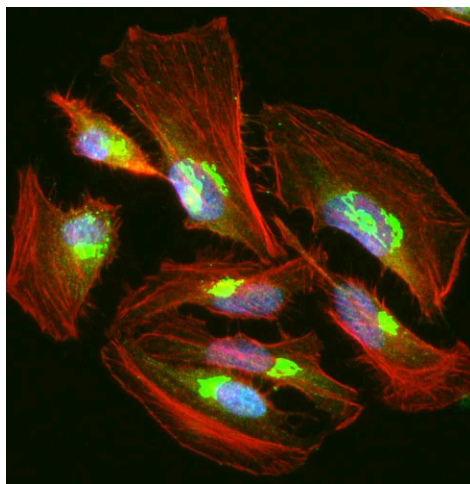


Product Details

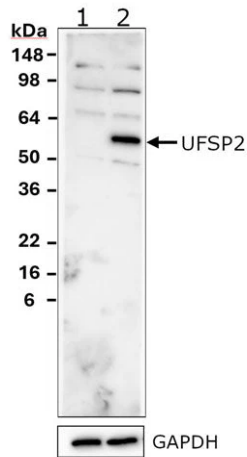
Available Variants	500 µL (SKU:UFSP2-0100) 100 µL (SKU:UFSP2-0020)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	UFSP2
Host Species	Chicken
Concentration	0.2 mg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 IHC: 1:100-1:500 ICC: 1:100-1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing the C-terminal fragment of human UFSP2.
Specificity	No cross-reactivity reported
Molecular Weight	53 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.

Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
UniProt ID	Q9NUQ7
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
Entrez Gene Details	Entrez Gene Summary: This gene encodes a highly conserved cysteine protease. The protein cleaves two C-terminal residues from ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein. Activation of ubiquitin-fold modifier 1 by the encoded protein exposes a C-terminal glycine residue that allows interaction with other proteins and transfer to its target protein. An allelic variant of this gene has been associated with Beukes hip dysplasia. Alternative splicing results in multiple transcript variants.
NCBI Gene ID	55325

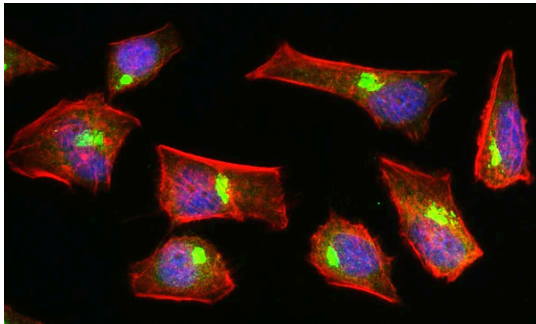
Product Images



Immunofluorescent staining for detection of UFSP2 in HeLa cells using Aves Labs chicken anti-UFSP2 polyclonal antibody (Cat No. UFSP2-0100). The cells were fixed with 3% paraformaldehyde, washed with PBS, and blocked/permeabilized with 5% non-fat milk powder in PBST. The anti-UFSP2 antibody (Cat. UFSP2-0100) was incubated with the sample at a dilution of 1:100 (2 ug/mL) at 4C overnight. After washing with PBST, the cells were stained using goat anti-chicken IgY CF488 secondary antibody (Cat No. 80-1001-488) (green). Actin filaments were stained using Phalloidin (red). The cells were mounted with Antibodies Incorporated Fluoroshield with DAPI mounting medium (Cat No. AR-6501). DAPI nuclear stain (blue) shows cell nuclei.



Western blot detection of UFSP2 in UFSP2-KO (lane 1) and wild-type (lane 2) HEK293T cell lysates using Aves Labs chicken anti-UFSP2 polyclonal antibody (Cat No. UFSP2-0100). 10-20% Tris-Glycine gel was loaded with 10 ug of WT and UFSP2-KO HEK293T cell lysates. Proteins were transferred to PVDF membrane and blocked with 5% non-fat milk powder. Anti-UFSP2 antibody was incubated with the membrane at a concentration of 1 ug/ml and then detected via chemiluminescence (30 min) using a Goat Anti-Chicken H+L, HRP conjugated secondary antibody. Anti-UFSP2 recognizes endogenous UFSP2 only in the wild-type cell lysates at the expected molecular weight of ~52 kDa.



Immunofluorescent staining for detection of UFSP2 in HeLa cells using Aves Labs chicken anti-UFSP2 polyclonal antibody (Cat No. UFSP2-0100). The cells were fixed with 3% paraformaldehyde, washed with PBS, and blocked/permeabilized with 5% non-fat milk powder in PBST. The anti-UFSP2 antibody (Cat. UFSP2-0100) was incubated with the sample at a dilution of 1:100 (2ug/mL) at 4C overnight. After washing with PBST, the cells were stained using goat anti-chicken IgY CF488 secondary antibody (Cat No. 80-1001-488) (green). Actin filaments were stained using Phalloidin (red). The cells were mounted with Antibodies Incorporated Fluoroshield with DAPI mounting medium (Cat No. AR-6501). DAPI nuclear stain (blue) shows cell nuclei.

Product Page URL: www.antibodiesinc.com/products/anti-ufsp2-antibody-ufsp2-0100



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