

Rabbit anti-Human Dusp23 Polyclonal Antibody | anti-Dusp23 antibody

Anti-Dusp23 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259008	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Dusp23; Polyclonal Antibody; Anti-Dusp23 Antibody; Rabbit Polyclonal; dual specificity phosphatase 23; Anti-DUSP25 Antibody; Anti-LDP-3 Antibody; Anti-MOSP Antibody; Anti-VHZ Antibody; anti-Dusp23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Dusp23
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Dusp23 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E coli-derived Human Dusp23 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human Dusp23 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of DUSP23 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human DUSP23 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human Dusp23 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-Dusp23 antibody	DUSPs (dual-specificity phosphatases) are a heterogeneous group of protein phosphatases that can dephosphorylate both phosphotyrosine and phosphoserine/phosphothreonine residues within the one substrate. DUSPs have been implicated as major modulators of critical signalling pathways that are dysregulated in various diseases. DUSP23 is a low molecular weight DUSP that lacks the N-terminal domain of mitogen-activated protein kinase phosphatases (MKPs). DUSP23 and other low molecular weight DUSPs, such as DUSP3 and DUSP22, are structurally similar to the vaccinia virus VH1 phosphatase. DUSP3, DUSP22 and VH1 participate in both the interferon (IFN) and interleukin-signalling pathways by dephosphorylating signal transducer and activator of transcription (STAT) proteins.
References	Patterson KI, et al. (2009) Dual-specificity phosphatases: Critical regulators with diverse cellular targets. Biochem J 418 (3): 475-489. Balada E, et al. (2017) Dusp23 is over-expressed and linked to the expression of dnmts in cd4(+) t cells from systemic lupus erythematosus patients. Clin Exp Immunol 187 (2): 242-250.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dusp23-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/259008>