

## CAPNS2 Ab

[Images\(6\)](#)

Cat.#: DF9318	Concn.: ~1mg/ml	Mol.Wt.: 28 kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	IF/ICC 1:100-1:500, IHC 1:50-1:200, WB 1:1000-3000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human, Mouse
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human CAPNS2, corresponding to a region within the internal amino acids.
Uniprot:	Q96L46

Western blot analysis of extracts from various samples, using CAPNS2 Ab.  
Lane 1: Mouse testis.  
Lane 2: Colo205 cells(heat-shock treatment).

DF9318 at 1/100 staining mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.

DF9318 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(#DF9318) and mouse anti-beta tubulin Ab(#T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary Ab.  
The nuclear counter stain is DAPI (blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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