

Keratin 15 Ab

Cat.#: AF0790 Size: 100ul,200ul	Concn.: 1mg/ml Source: Rabbit	Mol.Wt.: 50kDa Clonality: Polyclonal
Application:	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500	
Reactivity:	Human,Mouse,Rat,Monkey	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Specificity:	Keratin 15 Ab detects endogenous levels of Keratin 15.	
Immunogen:	A synthesized peptide derived from human Keratin 15.	
Uniprot:	P19012	
Description:	K15 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. There are two types of cytoskeletal and microfibrillar keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to basic; 56-70 kDa) [K1 to K8]. Both a basic and an acidic keratin are required for filament assembly. Note: This description may include information from UniProtKB.	
Tissue Specificity:	Expressed in a discontinuous m of adult skin epidermis, but con fetal skin epidermis and nail. Al root sheath above the hair bulb level). Expressed homogeneous esophagus and exocervix, but o layer only of oral mucosa, skin two layers of the suprabasal ep	tinuously in the basal layer of so expressed in the outer in hair follicle (at protein sly in all cell layers of the detected in the basal cell and in the basal plus the next
Similarity:	Belongs to the intermediate filament family.	
Storage Condition and Buffer:	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.	





Western blot analysis on COS7 cell lysate using Keratin 15 Ab, The lane on the left is treated with the antigen-specific peptide.



AF0790 at 1/100 staining human Breast tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF0790 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

<code>IMPORTANT:</code> 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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