

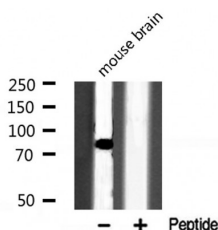
## OCT1 Ab

Cat.#: AF0224  
Size: 100ul,200ul

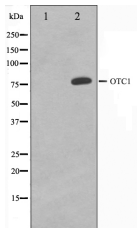
Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 76kDa  
Clonality: Polyclonal

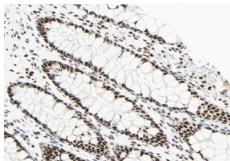
Application:	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	OCT1 Ab detects endogenous levels of total 41183.
Immunogen:	A synthesized peptide derived from human 41183.
Uniprot:	P14859
Description:	POU2F1 a ubiquitous transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR. Phosphorylation apparently inhibits its interaction with DNA
Subcellular Location:	Nucleus.
Tissue Specificity:	Ubiquitous. Isoform 2 is lymphocyte-specific.
Similarity:	Belongs to the POU transcription factor family. Class-2 subfamily.
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.



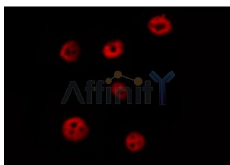
Western blot analysis of OCT1 expression in Mouse brain lysate



Western blot analysis on HeLa cell lysate using OCT1 Ab. The lane on the left is treated with the antigen-specific peptide.



AF0224 at 1/100 staining human colon 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.



AF0224 staining HeLa 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.

**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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