

Mouse anti-Human OCT1 Monoclonal Antibody | anti-OCT1 antibody

Anti-OCT1 Antibody

CATALOG # AAA291253	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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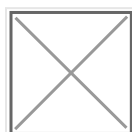
PRODUCT SYNONYMS

OCT1; Monoclonal Antibody; Anti-OCT1 Antibody; OTF1; POU domain class 2 transcription factor 1; NF-A1; Octamer-binding protein 1; Oct-1; Octamer-binding transcription factor 1; OTF-1; anti-OCT1 antibody

PRODUCT SPECIFICATIONS

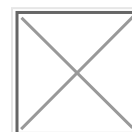
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of OCT1 protein.
Applicable Applications for anti-OCT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Nucleus
Tissue Location	Ubiquitous. Isoform 2 is lymphocyte-specific.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: 1H 1/50 - 1/200 Immunohistochemical analysis of 42278 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB 1/500 - 1/2000 Western blot analysis of 42278 expression in Hela (A), Jurkat (B), HepG2 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-OCT1 antibody	Mouse monoclonal antibody to OCT1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311771667
NCBI GeneID	5451

NCBI Accession #	NP_001185712.1
NCBI GenBank Nucleotide #	NM_001198783.1
UniProt Accession #	P14859 ; Q5TBT7 ; Q6PK46 ; Q8NEU9 ; Q9BPV1 ; B1AL91 ; B1AL93 ; B4E029
Molecular Weight	76,472 Da
NCBI Official Full Name	POU domain, class 2, transcription factor 1 isoform 2
NCBI Official Synonym Full Names	POU class 2 homeobox 1
NCBI Official Symbol	POU2F1
NCBI Official Synonym Symbols	OCT1; OTF1; oct-1B
NCBI Protein Information	POU domain, class 2, transcription factor 1; NF-A1; OTF-1; oct-1; octamer-binding protein 1; Octamer-binding transcription factor-1; octamer-binding transcription factor 1
UniProt Protein Name	POU domain, class 2, transcription factor 1
UniProt Gene Name	POU2F1
UniProt Synonym Gene Names	OCT1; OTF1; Oct-1; OTF-1
UniProt Entry Name	PO2F1_HUMAN

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/monoclonal/oct1-antibody-immunohistochemistry-western-blot-elisa/291253>