

Datasheet for ABIN574120
anti-OCT4 antibody (AA 6-152)



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2 Images

Overview

Quantity:	50 µL
Target:	OCT4 (POU5F1)
Binding Specificity:	AA 6-152
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 6 and 152 of OCT3/4. Type of Immunogen: Recombinant protein
Specificity:	Human OCT3/4. Predicted cross-reactivity based on amino acid sequence homology: rabbit (85 %), bovine (85 %), pig (88 %), monkey (97 %).
Purification:	Immunoaffinity purified

Target Details

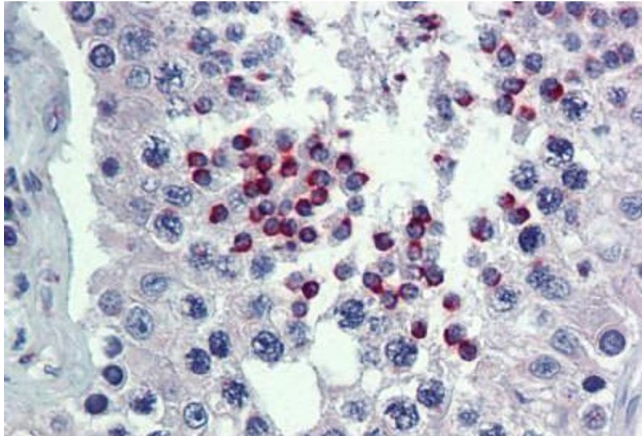
Target:	OCT4 (POU5F1)
Alternative Name:	POU5F1 / OCT4 (POU5F1 Products)
Background:	Name/Gene ID: POU5F1 Synonyms: POU5F1, Oct-4, OCT3, OCT4, OTF4, POU class 5 homeobox 1, Octamer-binding protein 3, Octamer-binding protein 4, OTF-3, Oct-3, OTF3
Gene ID:	5460
UniProt:	Q01860
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Approved: Flo, ICC (1:100 - 1:200), IF (1:100 - 1:200), IHC, IHC-P (10 µg/mL), WB (1:500 - 1:3000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

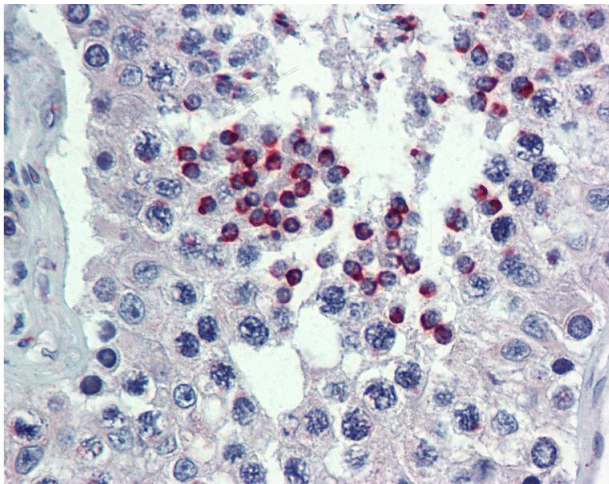
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7, 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C. Avoid freeze-thaw cycles.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-POU5F1 / OCT4 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.