

Rabbit anti-Human MYT1 Polyclonal Antibody | anti-MYT1 antibody

Anti-MYT1 Antibody, Rabbit Polyclonal

CATALOG # AAA254614	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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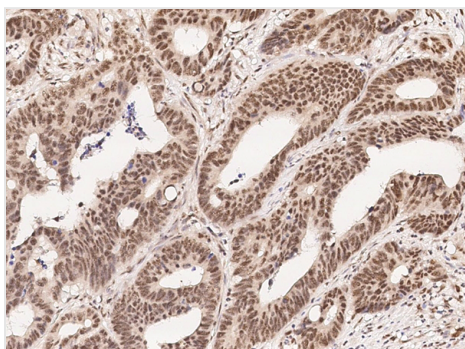
PRODUCT SYNONYMS

MYT1; Polyclonal Antibody; Anti-MYT1 Antibody; Rabbit Polyclonal; MYT1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C20orf36 Antibody; Anti-MTF1 Antibody; Anti-MYT1 Antibody; Anti-PLPB1 Antibody; Anti-ZC2HC4A Antibody; anti-MYT1 antibody

PRODUCT SPECIFICATIONS

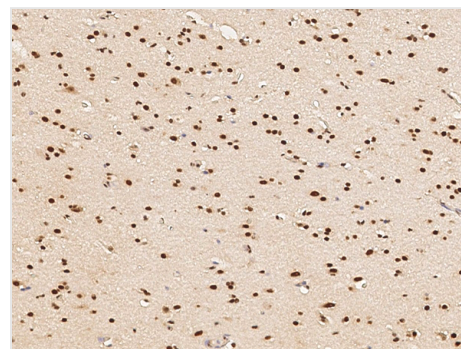
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MYT1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MYT1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human MYT1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human MYT1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human MYT1 in human colon carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human MYT1 in human brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-MYT1 antibody	MYT1, encoding the myelin transcription factor 1, was reported as the first gene involved in OAVS, within the retinoic acid (RA) pathway. MYT1 overexpression downregulated all RA receptors genes (RARA, RARB, RARG), involved in RA-mediated transcription, whereas no effect was observed on CYP26A1 expression, the major enzyme involved in RA degradation. Oculo-auriculo-vertebral spectrum (OAVS) is a developmental disorder characterized by hemifacial microsomia associated with ear, eyes and vertebrae malformations showing highly variable expressivity.MYT1 is the first gene implicated in OAVS, within the RA signalling pathway. The MYT1 immunoreactivity was frequently nuclear, appearing as dotted or punctate, but in some cases it was localized to the cytoplasm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17975763
NCBI GeneID	4661
NCBI Accession #	NP_004526.1
NCBI GenBank Nucleotide #	NM_004535.2
UniProt Accession #	Q01538; O94922; Q7Z5W2; Q9UPV2; E1P5H0; F5H7M8
Molecular Weight	125,075 Da
NCBI Official Full Name	myelin transcription factor 1
NCBI Official Synonym Full Names	myelin transcription factor 1
NCBI Official Symbol	MYT1
NCBI Official Synonym Symbols	MTF1; MYTI; NZF2; PLPB1; ZC2HC4A; C20orf36
NCBI Protein Information	myelin transcription factor 1; myelin transcription factor I; proteolipid protein binding protein; proteolipid protein-binding protein; neural zinc finger transcription factor 2
UniProt Protein Name	Myelin transcription factor 1
UniProt Gene Name	MYT1
UniProt Synonym Gene Names	KIAA0835; KIAA1050; MTF1; MYTI; PLPB1; MyT1; MyTI
UniProt Entry Name	MYT1_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.