

Rabbit anti-Human MYH11 Polyclonal Antibody | anti-MYH11 antibody

MYH11 Antibody

CATALOG # AAA308015	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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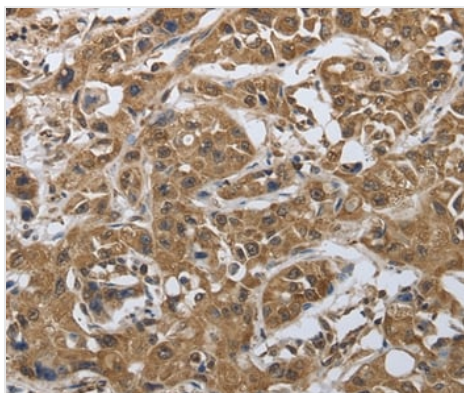
PRODUCT SYNONYMS

MYH11; Polyclonal Antibody; MYH11 Antibody; AAT4; FAA4; SMHC; SMMHC; anti-MYH11 antibody

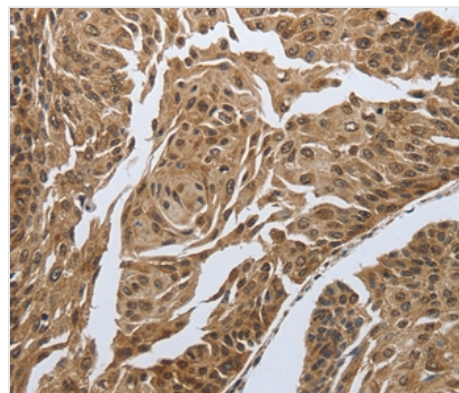
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MYH11 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.6 mg/ml (varies by lot)
Sequence Length	1945
Applicable Applications for anti-MYH11 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Myosin, heavy chain 11, smooth muscle
Target Name	MYH11
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH11 antibody	The protein encoded by this gene is a smooth muscle myosin belonging to the myosin heavy chain family. The gene product is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. It functions as a major contractile protein, converting chemical energy into mechanical energy through the hydrolysis of ATP. The gene encoding a human ortholog of rat NUDE1 is transcribed from the reverse strand of this gene, and its 3' end overlaps with that of the latter. The pericentric inversion of chromosome 16 [inv(16)(p13q22)] produces a chimeric transcript that encodes a protein consisting of the first 165 residues from the N terminus of core-binding factor beta in a fusion with the C-terminal portion of the smooth muscle myosin heavy chain. This chromosomal rearrangement is associated with acute myeloid leukemia of the M4Eo subtype. Alternative splicing generates isoforms that are differentially expressed, with ratios changing during muscle cell maturation. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-MYH11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	92091583
NCBI GeneID	4629
NCBI Accession #	NP_001035202.1
NCBI GenBank Nucleotide #	NM_001040113.1
UniProt Accession #	P35749; O00396; O94944; P78422; Q3MIV8; Q3MNF0; Q3MNF1; D2JYH7
Molecular Weight	223,577 Da
NCBI Official Full Name	myosin-11 isoform SM2B
NCBI Official Synonym Full Names	myosin, heavy chain 11, smooth muscle
NCBI Official Symbol	MYH11
NCBI Official Synonym Symbols	AAT4; FAA4; SMHC; SMMHC
NCBI Protein Information	myosin-11
UniProt Protein Name	Myosin-11
UniProt Gene Name	MYH11
UniProt Synonym Gene Names	KIAA0866
UniProt Entry Name	MYH11_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/polyclonal/myh11-antibody-immunohistochemistry-elisa/308015>