

Anti-MARCH7 Polyclonal Antibody

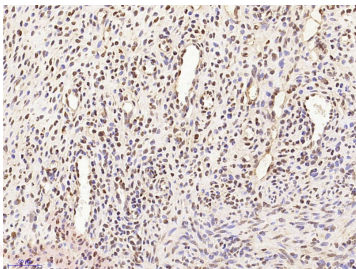
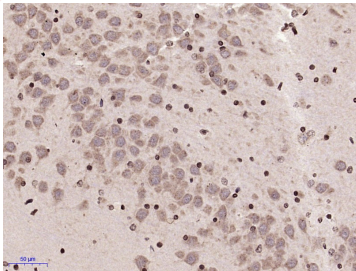
Product Details

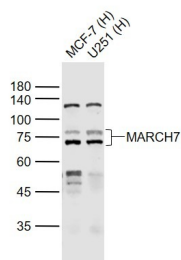
Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 78 kDa. Actual: 78/74 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (MARCH7) Polyclonal Antibody, Unconjugated (TMAB-01104) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (Rat uterus); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (MARCH7) Polyclonal Antibody, Unconjugated (TMAB-01104) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.
3. Sample:
Lane 1: MCF-7 (Human) Cell Lysate at 30 µg
Lane 2: U251 (Human) Cell Lysate at 30 µg
Primary: Anti-MARCH7 (TMAB-01104) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 78 kDa
Observed band size: 78/74 kDa





Application: IF,IHC-Fr,IHC-P,WB

Recommended IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human MARCH7/Axotrophin

Antigen Species: Human

Gene ID: 64844

Uniprot ID: Q9H992

Synonyms: E3 ubiquitin-protein ligase MARCH7;AXO;Membrane associated ring finger(C3HC4) 7 E3 ubiquitin protein ligase;Axotrophin;MARH7;Membrane associated RING finger protein 7; Membrane associated RING CH protein VII;March7;RNF177;AXOT;RING finger protein 177; membrane associated ring finger C3HC4 7;MARCH VII;Membrane-associated RING-CH protein VII

Research Background

Axotrophin is a stem cell gene that encodes a protein which is involved in T lymphocyte regulation (especially in regulating the proliferation) and leukemia inhibitory factor (LIF) release. LIF is a neuropoietic cytokine that is important for stem cell regulation and thymocyte stimulation. Both Axotrophin and LIF are linked to transplantation intolerance. Axotrophin is also involved in corpus callosum differentiation and may play a role in glial cell line-derived neurotrophic factor (GDNF)-dependent sensory neuron survival in the substantia gelatinosa of the adult spinal cord. Axotrophin is primarily expressed in the hippocampus, cortex, purkinje and granule cells of the cerebellum.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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