

Rabbit anti-Human, Mouse ATP2A3 Polyclonal Antibody | anti-ATP2A3 antibody

ATP2A3 Polyclonal Antibody

CATALOG # AAA177210	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	-----------------------------------	---

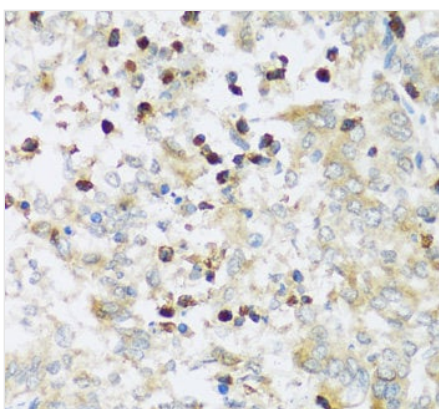
PRODUCT SYNONYMS

ATP2A3; Polyclonal Antibody; ATP2A3 Polyclonal Antibody; SERCA3; anti-ATP2A3 antibody

PRODUCT SPECIFICATIONS

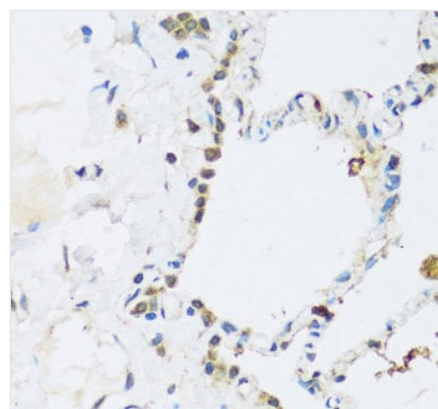
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ATP2A3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human ATP2A3 (NP_0051642)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



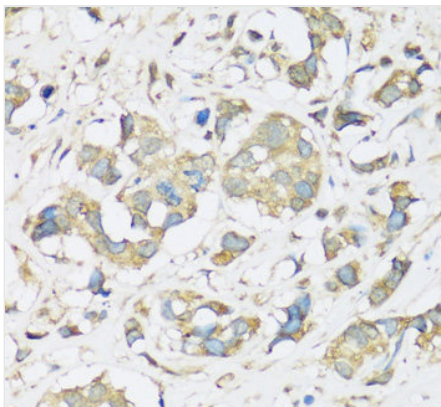
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human uterine cancer using ATP2A3 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung using ATP2A3 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human breast cancer using ATP2A3 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-ATP2A3 antibody	This gene encodes one of the SERCA Ca (2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ATP2A3 antibody	Cancer; Metabolism; Signal Transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	19864659
NCBI GeneID	489
UniProt Accession #	Q93084; O60900; O60901; O75501; O75502; Q16115; Q6JHX1; Q8TEX5; Q8TEX6; A8MZG0; D3DTJ8
Molecular Weight	1403
NCBI Official Full Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3
NCBI Official Synonym Full Names	ATPase, Ca++ transporting, ubiquitous
NCBI Official Symbol	ATP2A3
NCBI Official Synonym Symbols	SERCA3
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 3; calcium pump 3; SR Ca(2+)-ATPase 3; adenosine triphosphatase, calcium; calcium-translocating P-type ATPase; ATPase, Ca(2+)-transporting, ubiquitous; sarco/endoplasmic reticulum Ca2+ -ATPase
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3
UniProt Gene Name	ATP2A3
UniProt Synonym Gene Names	SERCA3; SR Ca(2+)-ATPase 3
UniProt Entry Name	AT2A3_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.