

Rabbit anti-Human, Mouse UCP1 Polyclonal Antibody | anti-UCP1 antibody

UCP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279332	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

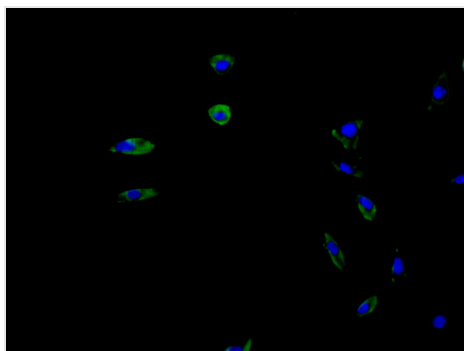
PRODUCT SYNONYMS

UCP1; Polyclonal Antibody; UCP1 Antibody; mitochondrial brown fat uncoupling protein antibody; Mitochondrial brown fat uncoupling protein 1 antibody; SLC25A7 antibody; Solute carrier family 25 member 7 antibody; Thermogenin antibody; UCP 1 antibody; UCP antibody; UCP1 antibody; UCP1_HUMAN antibody; uncoupling protein 1 (mitochondrial; proton carrier) antibody; Uncoupling protein 1 antibody; anti-UCP1 antibody

PRODUCT SPECIFICATIONS

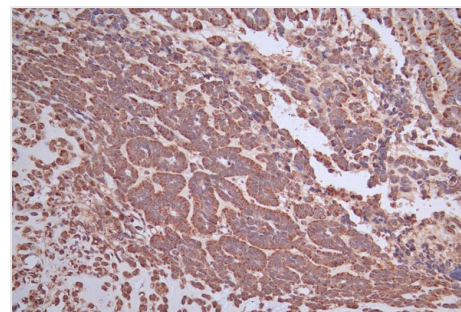
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.1% Sodium Azide, 50% Glycerol, pH 7.3
Applicable Applications for anti-UCP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Antigen	Recombinant Human Mitochondrial brown fat uncoupling protein 1 protein (1-307AA)
Conjugation	Non-conjugated
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



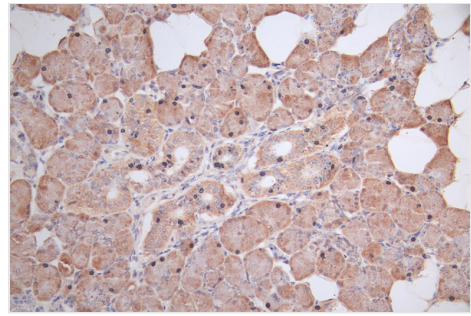
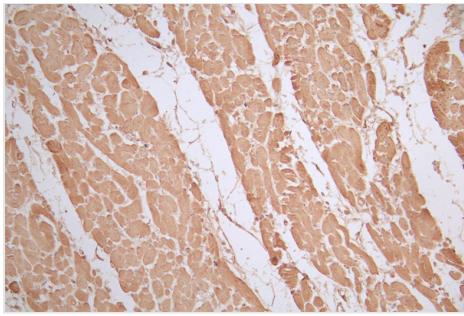
IHC (Immunohistochemistry)

Immunofluorescence staining of SH-SY5Y cell with CSB-PA025554LA01HU at 1:20, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



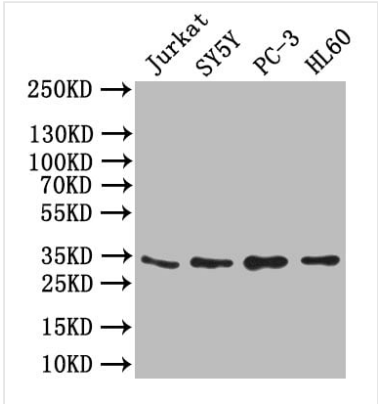
IHC (Immunohistochemistry)

IHC image of CSB-PA025554LA01HU diluted at 1:50 and staining in paraffin-embedded human ovarian cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemisry)
 IHC image of CSB-PA025554LA01HU diluted at 1:50 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

IHC (Immunohiostchemistry)
 IHC image of CSB-PA025554LA01HU diluted at 1:50 and staining in paraffin-embedded human salivary gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)
 Western BlotPositive WB detected in: JK whole cell lysate,SY5Y whole cell lysate,PC-3 whole cell lysate,,HL60 whole cell lysateAll lanes: UCP1 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 33 kDaObserved band size: 33 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225256
NCBI GeneID	7350
NCBI Accession #	NP_068605
NCBI GenBank Nucleotide #	NM_021833.4
UniProt Accession #	P25874; Q13218; Q4KMZ3; Q68G66
Molecular Weight	Predicted: 34 kDa Observed: 36 kDa
NCBI Official Full Name	mitochondrial brown fat uncoupling protein 1
NCBI Official Synonym Full Names	uncoupling protein 1 (mitochondrial, proton carrier)
NCBI Official Symbol	UCP1
NCBI Official Synonym Symbols	UCP; SLC25A7
NCBI Protein Information	mitochondrial brown fat uncoupling protein 1; thermogenin; solute carrier family 25 member 7
UniProt Protein Name	Mitochondrial brown fat uncoupling protein 1
UniProt Gene Name	UCP1

UniProt Synonym Gene Names	SLC25A7; UCP; UCP 1
UniProt Entry Name	UCP1_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/ucp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279332>