

Rabbit anti-Mouse, Rat Uncoupling Protein 1, Mitochondrial (UCP1) Polyclonal Antibody | anti-UCP1 antibody

Polyclonal Antibody to Uncoupling Protein 1, Mitochondrial (UCP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130845	Rabbit	Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

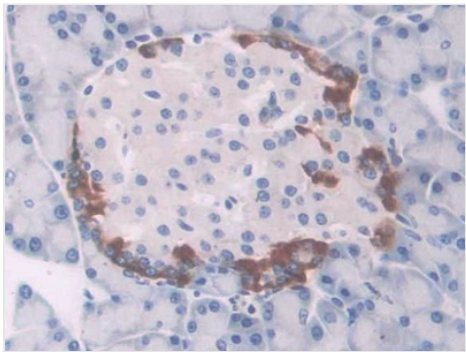
PRODUCT SYNONYMS

Uncoupling Protein 1; Mitochondrial (UCP1); Polyclonal Antibody; Polyclonal Antibody to Uncoupling Protein 1; anti-UCP1 antibody

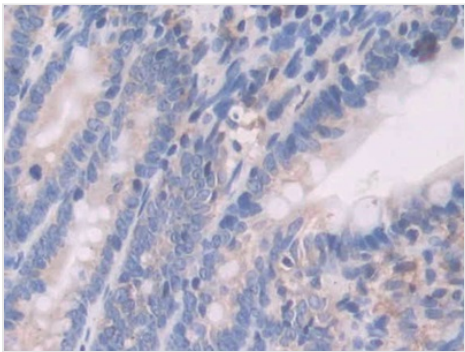
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against UCP1. It has been selected for its ability to recognize UCP1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-PNLMRNVI INCTELVTYD LMKGALVNHILADDVPCHL LSALVAGFCT TLLASPVDVV KTRFINS LPG QYPSVPSCAM TMYTKEGPAA FFKGFAPSFL RLGSWNVIMF VCFEQLKKEL
Applicable Applications for anti-UCP1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant UCP1 (Pro179~Leu296) expressed in E.coli.
Cross Reactivity	Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

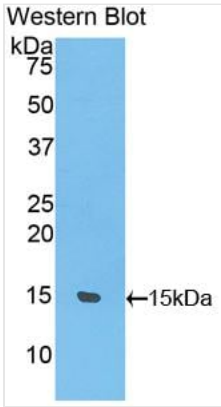
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Rat Pancreas Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded pancreas tissue



WB (Western Blot)
Western Blot; Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981692
NCBI GeneID	24860
NCBI Accession #	NP_036814.1
NCBI GenBank Nucleotide #	NM_012682.2
UniProt Accession #	P04633
Molecular Weight	33,212 Da
NCBI Official Full Name	mitochondrial brown fat uncoupling protein 1
NCBI Official Synonym Full Names	uncoupling protein 1
NCBI Official Symbol	Ucp1
NCBI Official Synonym Symbols	Ucp; Ucpa; Uncp
NCBI Protein Information	mitochondrial brown fat uncoupling protein 1
UniProt Protein Name	Mitochondrial brown fat uncoupling protein 1
UniProt Gene Name	Ucp1
UniProt Synonym Gene Names	UCP 1Curated

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.

