

Anti-PTGS1 Antibody (7N767)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 69 kDa.
Clone:	7N767
Purification:	ProA affinity purified

Applications

Application:	FCM,ICC,IHC,IP,WB
Recommended	WB: 1:1000-5000; IHC: 1:50-200; ICC: 1:100-500; FCM: 1:50-100

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:	Recombinant Protein
Uniprot ID:	P23219
Synonyms:	Prostaglandin-endoperoxide synthase 1;EC 1.14.99.1;COX-1;Prostaglandin G/H synthase 1;PGH synthase 1;PGHS-1;COX1;PHS 1;Prostaglandin H2 synthase 1;Cyclooxygenase-1;PTGS 1

Research Background

Cytochrome c oxidase subunit I, COX1 (also designated COI, MTCO1 or oxidative phosphorylation (OxPhos) Complex IV, subunit I) is one of three mitochondrial DNA (mtDNA) encoded subunits (MTCO1-3) of respiratory Complex IV. Cytochrome c oxidase is a hetero-oligomeric enzyme composed of 13 subunits localized to the mitochondrial inner membrane and is the terminal enzyme complex of the electron transport chain. Complex IV catalyzes the reduction of molecular oxygen to water. The energy released is used to transport protons across the mitochondrial inner membrane. The resulting electro-chemical gradient is necessary for the synthesis of ATP. Complex IV contains 13 polypeptides; COX1, COX2 and COX3 (MTCO1-3) make up the catalytic core and are encoded by mtDNA while subunits IV, Va, Vb, VIa, VIb, VIc, VIIa, VIIb, VIIC and VIII are nuclear-encoded.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481