

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TXA synthase (F456) Peptide

Cat No.: BS9278P

Background

TXA synthase, also referred to as thromboxane synthase or CYP5, is an enzyme that catalyzes the conversion of the prostaglandin endoperoxide (PGH₂) into Thromboxane A₂, a potent vasoconstrictor and inducer of platelet aggregation. TXA synthase is an important part of the cytochrome P450 system. Thromboxane A₂ plays a pivotal role in the maintenance of hemostasis and cardiovascular diseases along with Prostacyclin. The expression of TXA synthase has been found to be consistently upregulated in several types of cancer tissues suggesting the involvement of this enzyme in tumor growth in humans. Thromboxanes are produced by TXA synthase in excess in inflammatory bowel disease.

Swiss-Prot

P24557

Applications

Blocking

Specificity

This peptide can be used with studies using BS9278 TXA synthase (F456) pAb.

Purification & Purity

Synthetic peptide TXA synthase (F456). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.