

KO578

For research use only

Anti Mouse TP Polyclonal Antibody

This antibody was prepared by Dr. S.Narumiya, Kyoto University.

Code No. KO578
Target TP (Thromboxane A2 receptor)
Category GPCR
Gene ID 21390
Primary Source MGI:98496
Synonyms TP; TXA2; MGC107665; Tbx2r

Type Polyclonal Antibody
Immunogen Partial peptide of Mouse TP (N-terminal region)

Raised in Rabbit
Myeloma -
Clone number -
Purification Antigen Affinity
Source Rabbit Serum

Isotype -
Cross Reactivity -

Label Unlabeled
Concentration 0.25 mg/mL

Contents (Volume) 25 µg (100 µL/vial)

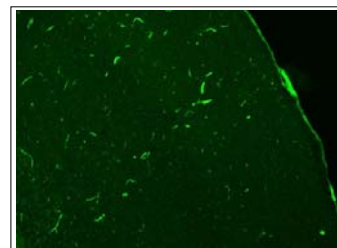
Buffer PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]

Storage Store at - 20°C long term, store at 4°C short term. Avoid repeated freeze-thaw cycles.

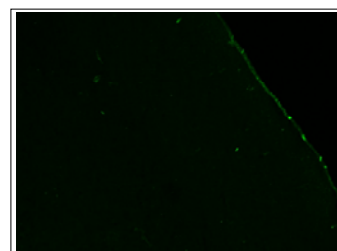
Application ELISA,IF

ELISA	WB	IHC	ICC
1.0	Not tested	Not tested	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	0.5	Not tested

(µg/mL)



[IF] Mouse Cerebral cortex tissue



[IF] TP deficient mouse Cerebral cortex tissue

These figures were provided by T. Mitsumori in Narumiya's lab.

Reference

1. Namba T, et al. Mouse thromboxane A2 receptor: cDNA cloning, expression and northern blot analysis. *Biochem Biophys Res Commun.* 1992 May 15;184(3):1197-203.

UniPlot Summary

//Function: Receptor for thromboxane A2 (TXA2), a potent stimulator of platelet aggregation. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system. In the kidney, the binding of TXA2 to glomerular TP receptors causes intense vasoconstriction. Activates phospholipase C and adenylyl cyclase.

//Subcellular location: Cell membrane; Multi-pass membrane protein.

//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.