URL: www.sceti.jp/export/
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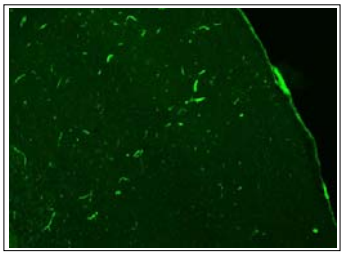
KO578

For research use only

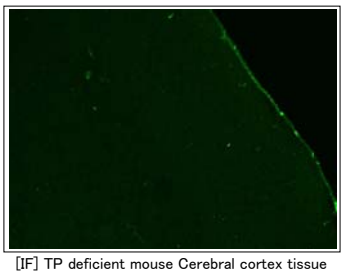
Anti Mouse TP Polyclonal Antibody

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

Code No.	KO578
Terget	TP (Thromboxane A2 receptor)
Category	GPCR
Gene ID	21390
Primary Source	MGI:98496
Synonyms	TP; TXA2; MGC107665; Tbxa2r
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 ℃ long term, store at 4 ℃ short term. Avoid repeated freeze-thaw cycles.
Application	ELISA,IF



[IF] Mouse Cerebral cortex tissue



[IF] TP deficient mouse Cerebral cortex tissue

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

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)

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.