

# Immunotag™ TAS2R Antibody

Antibody Specification	
Catalog No.	ITA2555
Product Description	Immunotag™ TAS2R Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TAS2R
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TAS2R
Specificity	TAS2R Antibody detects endogenous levels of total TAS2R
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TBXA2R
Accession No.	P21731
Alternate Names	BDPLT13; Prostanoid TP receptor; TA2R_HUMAN; Tbx2r; Thromboxane A2 receptor; TP receptor; TXA2 R; TXA2-R; TXA2R;
Description	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. Isoform 1 activates adenylyl cyclase. Isoform 2 inhibits adenylyl cyclase.

## Antibody Specification

Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	37 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.