

Immunotag™ OR51E2 Antibody

Antibody Specification	
Catalog No.	ITA5897
Product Description	Immunotag™ OR51E2 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	OR51E2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	OR51E2 Antibody detects endogenous levels of total OR51E2
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	OR51E2
Accession No.	Q9H255
Alternate Names	HPRAJ; O51E2_HUMAN; Olfactory receptor 51E2; Olfactory receptor family 51 subfamily E member 2; Olfactory receptor family 51 subfamily E member 3 pseudogene; Olfactory receptor OR11-16; Olr59; Or51e2; OR51E3P; OR52A2; Prostate specific G protein coupled receptor; Prostate-specific G-protein coupled receptor;

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Description	Probable G protein-coupled receptor that is activated by the short chain fatty acids (SCFA) acetate and propionate. In response to SCFA, may positively regulate renin secretion and increase blood pressure (PubMed:23401498). May also be activated by steroid hormones and regulate cell proliferation (PubMed:19389702). May also function as an olfactory receptor being activated by beta-ionone (PubMed:19389702).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	35 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.