

Immunotag™ OR51E2 Antibody

Antibody Specification	
Catalog No.	ITA1619
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 1:500-1:2000,, ICC/IF 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human OR51E2
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 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.