

Rabbit anti-Human OR2Z Polyclonal Antibody | anti-OR2Z antibody

Anti-OR2Z Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265343	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

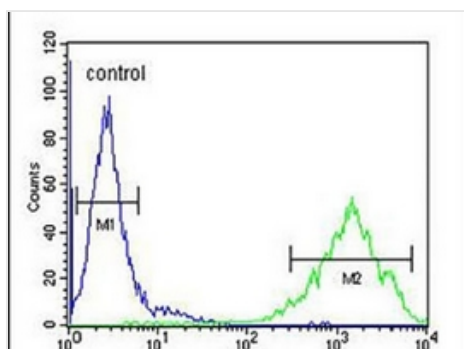
PRODUCT SYNONYMS

OR2Z; Polyclonal Antibody; Anti-OR2Z Antibody; anti-OR2Z antibody

PRODUCT SPECIFICATIONS

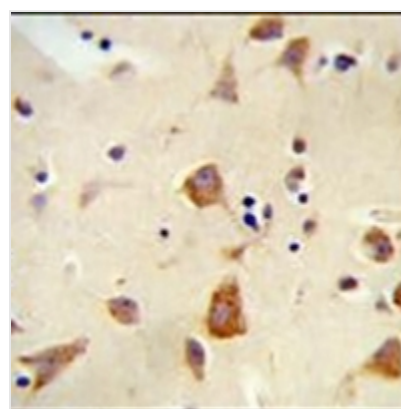
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of OR2Z protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-OR2Z antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human OR2Z. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



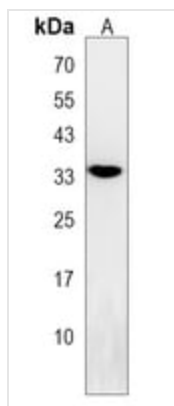
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of NCIH460 cells using Anti-OR2Z Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Rabbit IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



IHC (Immunohistochemistry)

Immunohistochemical analysis of OR2Z staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of OR2Z expression in NCIH460 (A) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 34 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-OR2Z antibody	Rabbit polyclonal antibody to OR2Z
Product Categories/Family for anti-OR2Z antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	52317227
NCBI GeneID	284383
NCBI Accession #	NP_001004699.1
NCBI GenBank Nucleotide #	NM_001004699.1
UniProt Accession #	Q8NG97 ; Q6IFK0 ; Q96R25 ; B9EH50
Molecular Weight	34,444 Da
NCBI Official Full Name	olfactory receptor 2Z1
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily Z, member 1
NCBI Official Symbol	OR2Z1
NCBI Official Synonym Symbols	OR2Z2; OR19-4
NCBI Protein Information	olfactory receptor 2Z1; olfactory receptor 2Z2; olfactory receptor OR19-4; olfactory receptor, family 2, subfamily Z, member 2
UniProt Protein Name	Olfactory receptor 2Z1
UniProt Gene Name	OR2Z1
UniProt Synonym Gene Names	OR2Z2
UniProt Entry Name	OR2Z1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/or2z-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/265343>