

## Rabbit anti-Human ADORA3 Polyclonal Antibody | anti-ADORA3 antibody

ADORA3 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA325468 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

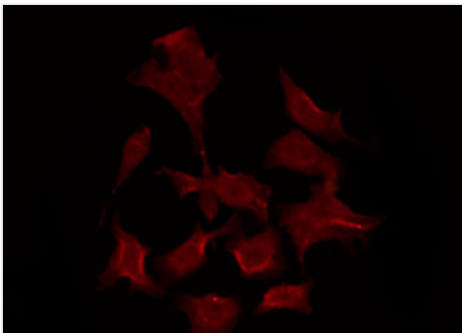
### PRODUCT SYNONYMS

ADORA3; Polyclonal Antibody; ADORA3 Antibody; A3AR; A3R; AA3R; AA3R\_HUMAN; AD 026; AD026; Adenosine A3 receptor; Adenosine receptor A3; ADORA 3; ARA3; bA552M11.5; Gpcr2; RP11 552M11.7; TGPCR1; anti-ADORA3 antibody

### PRODUCT SPECIFICATIONS

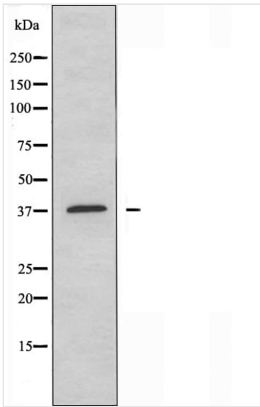
|                                                  |                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                |
| Reactivity                                       | Human                                                                                                 |
| Clonality                                        | Polyclonal                                                                                            |
| Isotype                                          | IgG                                                                                                   |
| Specificity                                      | ADORA3 antibody detects endogenous levels of total ADORA3                                             |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.         |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.         |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                |
| Sequence Length                                  | 318                                                                                                   |
| Applicable Applications for anti-ADORA3 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                          |
| Immunogen                                        | A synthesized peptide                                                                                 |
| Subcellular Location                             | Cell Membrane                                                                                         |
| Tissue Specificity                               | Expressed in the lung and bone. Expressed at lower levels in osteosarcoma tissues (at protein level). |
| Conjugation                                      | Unconjugated                                                                                          |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                                     |

IMAGES



IF (Immunofluorescence)

AAA325468 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using ADORA3 antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                         |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADORA3 antibody | Function: Isoform 2: Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenyl cyclase (PubMed:8234299).<br>Similarity: Belongs to the G-protein coupled receptor 1 family. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 4501953                                |
| NCBI GeneID                      | 140                                    |
| NCBI Accession #                 | NP_000668.1                            |
| NCBI GenBank Nucleotide #        | NM_000677.3                            |
| UniProt Accession #              | P0DMS8; P33765; Q6UWU0; Q9BYZ1; A2A3P4 |
| Molecular Weight                 | Observed: 38 kD<br>Predicted: 37 kDa   |
| NCBI Official Full Name          | adenosine receptor A3 isoform A        |
| NCBI Official Synonym Full Names | adenosine A3 receptor                  |
| NCBI Official Symbol             | ADORA3                                 |
| NCBI Official Synonym Symbols    | A3AR                                   |
| NCBI Protein Information         | adenosine receptor A3                  |
| UniProt Protein Name             | Adenosine receptor A3                  |
| UniProt Gene Name                | ADORA3                                 |

**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.