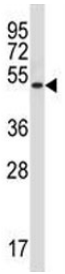
# Rage Antibody (F43706)

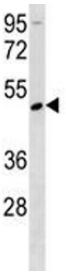
| Catalog No. | Formulation | Size |
|---|---|---|
| F43706-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F43706-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

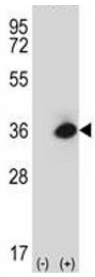
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Antigen affinity purified |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q9WVS4 |
| **Applications** | Western Blot : 1:1000 |
| **Limitations** | This Rage antibody is available for research use only. |




Rage antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight: 45-55kDa depending on glycosylation level.




Rage antibody western blot analysis in mouse Neuro-2a lysate. Predicted molecular weight: 45-55kDa depending on glycosylation level.




Western blot analysis of Rage antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the mouse Rage gene.

## Description

RAGE, the 'receptor for advanced glycation endproducts' is a transmembrane receptor of the immunoglobulin super family. The interaction between RAGE and its ligands, AGE and HMGB1, is thought to result in pro-inflammatory gene activation. Due to an enhanced level of RAGE ligands in diabetes or other chronic disorders, this receptor is hypothesised to have a causative effect in a range of inflammatory diseases such as diabetic complications, Alzheimer's disease and even some tumors. [Wiki]

## Application Notes

Titration of the Rage antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 76-104 from the mouse protein was used as the immunogen for this Rage antibody.

## Storage

Aliquot the Rage antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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