

## 35-1512: Polyclonal Antibody to eNOS (Ab-1177)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Polyclonal  |
| <b>Application :</b>           | WB,IF   |
| <b>Reactivity :</b>            | Human,Mouse,Rat   |
| <b>Gene :</b>                  | NOS3  |
| <b>Gene ID :</b>               | 4846  |
| <b>Uniprot ID :</b>            | P29474  |
| <b>Format :</b>                | Purified  |
| <b>Alternative Name :</b>      | Constitutive NOS, EC-NOS, ECNOS, NOS3, NOSIII                             |
| <b>Isotype :</b>               | Rabbit IgG  |
| <b>Immunogen Information :</b> | Peptide sequence around aa.1175~1179 (T-Q-S-F-S) derived from Human eNOS. |

### Description

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 50 µl / 100 µl   |
| <b>Content :</b>           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Storage condition :</b> | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.                                |

### Application Note

Predicted MW: 140kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

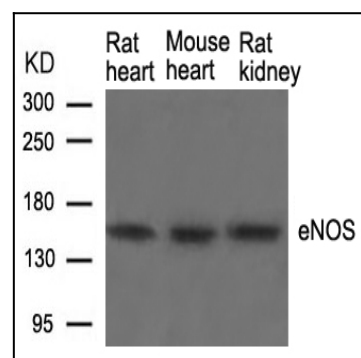


Figure 1: Western blot analysis of extracts from Rat heart, Mouse heart and Rat kidney tissue using eNOS(Ab-1177) Antibody 35-1512 .

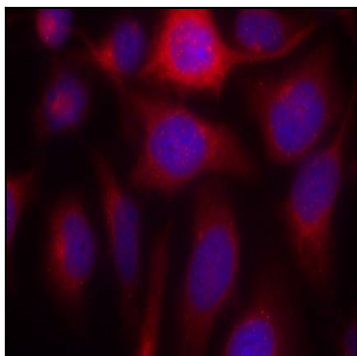


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using eNOS(Ab-1177) Antibody 35-1512 .