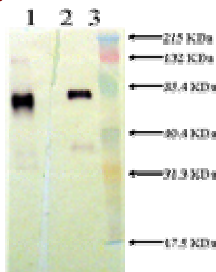


## Molecular Innovations, Inc.

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# Certificate of Analysis



Western Blot - 10% SDS-PAGE  
ASHTPA-GF-506 at 2 ug/ml Primary  
Goat Anti-Rabbit IgG - AP at 1:3000 Secondary  
1 HTPA (0.5 ug) Non-reduced  
2 HTPA (0.5 ug) Reduced  
3 Prestained Standard

**Product:** Rabbit Anti-Human tissue plasminogen activator (tPA) IgG fraction – ASHTPA-GF

**Date:** May, 2006

**Lot:** ASHTPA-GF-506

**Molecular Weight:** 160,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution  
Solubility: < 10 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 9.65     $\epsilon^{0.1\%} = 1.36$   
Concentration = 7.1 mg/mL

### Titer:

1:50,000 for ELISA  
1-5 ug/ml for western blotting.  
1:1,5000 for IHC.

### Description:

Polyclonal antibody to human tPA produced in rabbit and purified by immobilized protein A.

Recommended for ELISA detection, western blotting and immunohistochemistry of all forms of human tPA. Polyclonal antiserum has been used for immunoprecipitation.

### Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr  
Buffer Composition: 0.05M Na Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6

### References:

Localization and Regulation of the Tissue Plasminogen Activator-Plasmin System in the Hippocampus, Sallés & Strickland, J. **Neurosci.**, March 15, 2002, 22(6):2125-2134.  
Regulation of Brain Proteolytic Activity Is Necessary for the In Vivo Function of NMDA Receptor Kvajo et al., J. **Neurosci.**, Oct 2004; 24: 9734-9743.

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