

# Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS13 2698**

## TrkA | Tyrosine Kinase Receptor A

### Product information

<b>Background</b>	TrkA is a member of the neurotrophic tyrosine kinase receptor family. It is a membrane-bound receptor that upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. TrkA is required for high-affinity binding to nerve growth factor (NGF), neurotrophin-3 and neurotrophin-4/5 but not brain-derived neurotrophic factor (BDNF). TrkA leads to cell differentiations and may play a role in specifying sensory neuron subtypes. It has a crucial role in the development and function of the nociceptive reception system as well as establishment of thermal regulation via sweating.
<b>Immunogen</b>	Extracellular domain of glycosylated human TrkA protein produced in CHO cells was used as the immunogen.
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water.
<b>Storage</b>	After reconstitution keep aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
<b>Tested applications</b>	ELISA (ELISA), Immunohistochemistry (IHC)

### Application information

<b>Recommended dilution</b>	1 : 5000 (1-site ELISA), 1 : 1000 (IHC). Optimal dilutions/concentrations should be determined by the end user.
<b>Confirmed reactivity</b>	Human, Rat, Mouse

For high resolution images, please visit the specific product page at [www.agrisera.com](http://www.agrisera.com)

#### Application example



Immunohistochemical staining of Tyrosine Kinase Receptor A (TrkA) in rat spinal cord (free floating cryostat section) using rabbit antibody (AS13 2698) at a dilution of 1 in 2000. Courtesy of Professor Xin Fu Zhou, The Flinders University of South Australia.