

**GAS3 rabbit pAb****Cat#: orb769500 (Manual)**

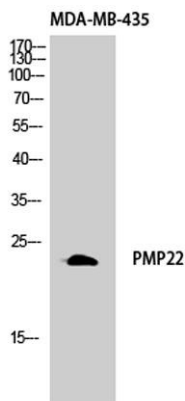
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	GAS3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PMP22. AA range:111-160
<b>Specificity</b>	GAS3 Polyclonal Antibody detects endogenous levels of GAS3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Peripheral myelin protein 22
<b>Gene Name</b>	PMP22
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

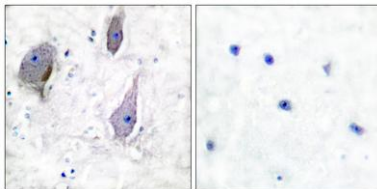
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	22kD
<b>Human Gene ID</b>	5376
<b>Human Swiss-Prot Number</b>	Q01453
<b>Alternative Names</b>	PMP22; GAS3; Peripheral myelin protein 22; PMP-22; Growth arrest-specific protein 3; GAS-3

## Background

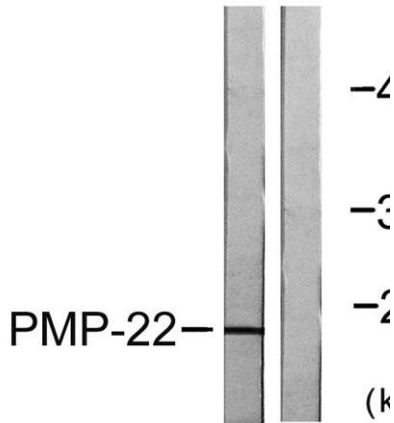
This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],



Western Blot analysis of MDA-MB-435 cells using GAS3 Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PMP22 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from MDA-MB-435 cells, using PMP22 Antibody.  
The lane on the right is blocked with the synthesized peptide.