

product **AS12 1851P**  
**NpHR | halorhodopsin blocking peptide**

## product information

<b>Background</b>	This blocking peptide can be used as a control to neutralize <u>Halorhodopsin</u> before immunolocalization or western blot. Further details are provided below.  <b>Halorhodopsin (HR)</b> is a hyperpolarizing light-driven ion pump from the halophilic archaea bacterium <i>Natronomonas pharaonis</i> . HR uses the energy of yellow light (excitation maximum near 580 nm) to mediate primarily chloride but also bromide, iodide, and nitrate import into the cell against their electrochemical gradients.
<b>Format</b>	Liquid
<b>Quantity</b>	500 µg (10 mg/ml)
<b>Storage</b>	Store at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
<b>Tested applications</b>	Neutralization assay (NeA)
<b>Related products</b>	<u>AS12 1851</u> Halorhodopsin
<b>Additional information</b>	<b>Estimation of the ratio between antibodies and a peptide</b> : In neutralisation assay use 0,73 µl of Halorhodopsin peptide for 10 ml of reaction volume. In case of any questions please contact <a href="mailto:support@agrisera.com">support@agrisera.com</a>

## Application information

<b>Expected   apparent MW</b>	1361.54 Da
<b>Additional information</b>	