

Product no **AS08 321****Anti-Pht1-1/2 | Root phosphate transporter isoform 1-1 and 1-2****Product information**

Immunogen	two synthetic peptides from the loop region of Pht1-1 (Q8H6E0) and 1-2, conjugated to KLH
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 10 000 (ELISA), 1: 100 (IL), 1 : 2000 (WB)
Expected apparent MW	56.9 kDa
Confirmed reactivity	<i>Hordeum vulgare</i>
Predicted reactivity	<i>Triticum aestivum</i>
	Species of your interest not listed? Contact us
Not reactive in	<i>Arabidopsis thaliana</i>
Additional information	Antibody cannot discriminate between Pht1-1 or Pht1-2 due to the high level of sequence conservation
Selected references	Namyslov et al. (2020) . Exodermis and Endodermis Respond to Nutrient Deficiency in Nutrient-Specific and Localized Manner. <i>Plants (Basel)</i> . 2020 Feb 6;9(2). pii: E201. doi: 10.3390/plants9020201. (immunolocalization)