

Product no **AS08 335****Anti-Conglutin gamma | lupin-specific globulin****Product information**

Immunogen	native protein isolated from lupin seeds
Host	Rabbit
Clonality	Polyclonal
Purity	serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 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 : 1000 (WB)
Expected apparent MW	33 18 kDa in a presence of DTT
Confirmed reactivity	<i>Lupinus albus</i> , <i>Lupinus luteus</i>
Predicted reactivity	<i>Lupinus albus</i> , <i>Lupinus angustifolius</i>
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	<p>Escudero-Feliu et al. (2023). Functional Association between Storage Protein Mobilization and Redox Signaling in Narrow-Leafed Lupin (<i>Lupinus angustifolius</i> L.) Seed Germination and Seedling Development. <i>Genes (Basel)</i>. 2023 Sep 28;14(10):1889. doi: 10.3390/genes14101889.</p> <p>Hashemi et al. (2023). Effect of heat treatment on lupin reactivity against rabbit polyclonal antibodies after in vitro gastrointestinal digestion. <i>AOCS</i>, doi.org/10.1002/sfp2.1024.</p> <p>Villa et al. (2020). Immunoreactivity of Lupine and Soybean Allergens in Foods as Aected by Thermal Processing. <i>Foods</i>. 2020 Feb 27;9(3). pii: E254. doi: 10.3390/foods9030254.</p> <p>Tomczak et al. (2019). Differences in the immunoreactivity of milk from local farms and from points of purchase. <i>Eur Food Res Technol</i>, Nov 2019.</p> <p>Foley et al. (2015). Analysis of conglutin seed storage proteins across lupin species using transcriptomic, proteomic and comparative genomic approaches. <i>BMC Plant Biol</i>. 2015 Apr 19;15:106. doi: 10.1186/s12870-015-0485-6.</p> <p>Czubiński et al. (2015). Digestion susceptibility of seed globulins isolated from different lupin species. <i>European Food Research and Technology</i> pp 1-13.</p>