Anti-ATG8 antibody (1-100 aa) (STJ11104795)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	A.thaliana/Z.mays/T.aestivum

PRODUCT PROPERTIES

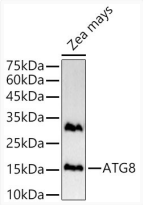
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 14kDa Observed Mw: 15kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Immunogen Region	1-100 aa
Immunogen Sequence	MAKTCFKTEHPLERRQAESA RIREKYADRIPVIVEKADKS DVPEIDKKKYLVPADLTVGQ FVYVVRKRIKLSPEKAIFVF VNSTLPPTASLMSAIYEENK
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of Triticum aestivum ATG8. (Q7XY24).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from Zea mays, using ATG8 Rabbit polyclonal antibody (STJ11104795) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.