

Product no **AS08 340**  
**LOX2 | Lipoxygenase 2**

## Product information

**Immunogen** | KLH-conjugated synthetic peptide chosen from *Triticum aestivum* LOX2 sequence

**Host** | Mouse

**Clonality** | Monoclonal

**Purity** | Total IgG. Protein G purified purified from Cell culture supernatant.

**Format** | Lyophilized

**Quantity** | 50 µg

**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. Glycerol 1:1 can be added to improve the stability of this antibody.

**Additional information** | LOX2 protein seems to be antigenically different compare to LOX isoforms isolated from leaves and flowers therefore this antibody being a monoclonal will not detect LOX2 from seeds, Brady et al (2014), Lipids: Structure and Function: The Biochemistry of Plants

## Application information

**Recommended dilution** | 1 : 10 000 (ELISA), 1 : 1000 (WB)

**Expected | apparent MW** | 90 kDa

**Confirmed reactivity** | *Triticum aestivum*

**Predicted reactivity** | *Hordeum vulgare*, *Oryza sativa*  
 Species of your interest not listed? [Contact us](#)

**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known