Hellethionin

**Background**
Hellethionins belong to a family of plant thionins, a small-sized multiple-cysteine peptides that are involved in the plant defence against pathogens. The antimicrobial activity and cytotoxicity of thionins have led to the in agriculture transgenic plants containing thionin genes can enhance pathogen resistance.

**Immunogen**
Ovalbumin conjugated mixture of hellethionins A, B, C, D, E and G extracted from *Helleborus purpurascens*

**Host**
Rabbit

**Clonality**
Polyclonal

**Purity**
Serum

**Format**
Liquid

**Quantity**
100 µl

**Storage**
Store at short-term 4°C. Long-term -20°. Repeated freezing and thawing is not recommended. Solution contains 0.01% sodium azide.

**Tested applications**
ELISA (ELISA), Western blot (WB)

**Related products**

- AS10 1622 | anti-hellethionin, larger pack size

**Secondary antibodies**

**Additional information**
Antibody reacts with hellethionins A, B, C, D, E and G from *H. purpurascens*.

**Application information**

**Recommended dilution**
1 : 256 000 (ELISA), 1 : 500 (WB)

**Confirmed reactivity**
*Heliamphora purpurascens*

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

**Additional information**
Manufactured by Antiprot.

**Selected references**

- Silverstein et al. (2007). Small cysteine-rich peptides resembling antimicrobial peptides have been under-predicted in plants. Plant J. 51, 262 – 280.