

H3 | Histone H3, HRP-conjugated (40 µg)

Cat PA00353

Size 40 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana

Immunogen

KLH-conjugated synthetic peptide derived from known H3 sequences, including *Arabidopsis thaliana* H3.3 P59169 (At4g40030, At4g40040, At5g10980), H3.2 P59226 (At1g09200, At3g27360, At5g10390, At5g10400, At5g65360), H3-like 2 Q9FXI7 (At1g19890)

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4, conjugated to HRP.

Format

Liquid

Storage

Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

Application

Western blot (WB)

Recommended dilution

1 : 1000 - 1 : 5000 (WB)

Expected | apparent MW

15 | 17 kDa

Confirmed reactivity

Arabidopsis thaliana

Predicted reactivity

Brassica oleracea, *Capsicum annuum*, *Chlamydomonas acidophila*, *Chlamydomonas reinhardtii*, *Nannochloropsis gaditana*, *Physcomitrium patens*, *Salicornia europaea*, *Solanum lycopersicum*, *Solanum soganandinum*, *Solanum tuberosum*, *Vicia faba*, *Zea mays* *Brachypodium distachyon*, *Brassica napus*, *Hordeum vulgare*, *Nicotiana tabacum*, *Malus domestica*, *Medicago sativa*, *Triticum aestivum*, *Pinus pinaster*, *Pisum sativum*, *Oryza sativa*, *Zea mays*, *Vitis vinifera*, *Volvox* sp.

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Additional information

Cellular [compartment marker] of nucleoplasm, loading control antibody for *Chlamydomonas reinhardtii*

Description

Histone 3 (H3) is located in the nucleus and incorporated into chromatin. It is present in nucleosomes along with H2A, H2B, and H4.

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