

## Product Information

**antibody clonality** polyclonal**raised in** rabbit**purity** serum**quantity** 100 µl**antibody form** lyophilized

Add 100 µl of sterile water for reconstitution. Spin tubes briefly prior to opening to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.

**storage instructions**

Store lyophilized/reconstituted at -20°C (6 months) or -80°C (long term storage/years). Please, avoid freezing and thawing of reconstituted antibodies. Make aliquots instead.

**background** | ATP synthase produces ATP from ADP in the presence of a proton gradient across the membrane. F-type ATPases have two components, CF(1) - the catalytic core - and CF(0) - the membrane proton channel. CF(1) has five subunits: alpha(3), beta(3), gamma(1), delta(1), epsilon(1). CF(0) has three main subunits: a, b and c.

**immunogen** | purified native protein from spinach**reference** | Selman et al. Biochemistry. 1981 Sep 15;20(19):5476-82**related products**

AS08 312      ATP synthase | subunit gamma

## Application Information

**western blot** | 1:10 000 with secondary antibody  
1:10 000 and ECL standard detection

**expected / apparent MW [kDa]** | The prominent reaction is to a doublet around 55-58 kDa which is alpha and beta and weaker reaction to gamma subunit which is around 38 kDa

**confirmed reactivity** | subunits alpha, beta, gamma, epsilon of *Ch. reinhardtii*, *S. oleracea*, *P. sativum*,

**predicted reactivity** | n.a.**not reactive in** | n.a.

Antibodies are intended for research use only and not for diagnostic or therapeutic use. For applications or usage on species others than stated above, please contact [support@agrisera.com](mailto:support@agrisera.com)

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