bs-6988R **[Primary Antibody]**

RuBisCO Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: RuBisCO

Immunogen: KLH conjugated synthetic peptide derived from Arabidopsis thaliana Rubisco: 151-250/479.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

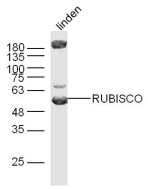
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Applications: **WB** (1:500-1000)

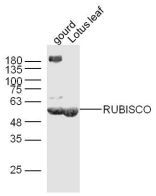
Reactivity: (predicted: Arabidopsis Thaliana)

Predicted MW.: 52 kDa

VALIDATION IMAGES



Sample: Linden Lysate at 40 ug Primary: Anti-RUBISCO (bs-6988R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52kD Observed band size: 52 kD



Sample: Gourd leaf Lysate at 40 ug Lotus leaf Lysate at 40 ug Primary: Anti-RUBISCO (bs-6988R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52kD Observed band size: 52 kD

SELECTED CITATIONS

- **[IF=18.9]** Xin Chen. et al. Arabidopsis PDLP7 modulated plasmodesmata function is related to BG10-dependent glucosidase activity required for callose degradation. SCI BULL. 2024 Apr;: WB ;Arabidopsis. 38735789
- **[IF=14.1]** Lu Chen. et al. Genomic and Cis-Regulatory Basis of a Plastic C3-C4 Photosynthesis in Eleocharis Baldwinii. ADV SCI. 2025 May;:e15681 IHC ;Eleocharis Baldwinii. 40444461
- **[IF=5.36]** Bohley K et al. C4-like photosynthesis and the effects of leaf senescence on C4-like physiology in Sesuvium sesuvioides (Aizoaceae). J Exp Bot. 2019 Mar 11;70(5):1553-1565. WB ;Sesuvium sesuvioides. 30689935
- **[IF=3.59]** Zhang, Tai-Jie, et al. "A magic red coat on the surface of young leaves: anthocyanins distributed in trichome layer protect Castanopsis fissa leaves from photoinhibition." Tree Physiology (2016). WB ;="Other Species". 27614357
- **[IF=2.632]** Zhang Q et al. The Changing Distribution of Anthocyanin in Mikania micrantha Leaves as an Adaption to Low-Temperature Environments. Plants (Basel). 2019 Oct 27;8(11). pii: E456. WB ;M. micrantha. 31717889