

Anti-HDG11 antibody



Catalog Number: 175152

Product name

Anti-HDG11 antibody

Specificity

Arabidopsis thaliana

Antibody description

Rabbit polyclonal antibody to HDG11

Preparation

This antigen of this antibody was synthetic peptide within *a. thaliana* hdg11 aa 620-690.

Formulation

Liquid, 1*PBS (pH7.4), 0.2% BSA, 50% Glycerol.
Preservative: 0.05% Sodium Azide.

Storage

Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC-P, ELISA

Dilutions

WB:1:500-1:2,000

IHC-P:1:50-1:200

ELISA:1:250-1:256,000

Validations

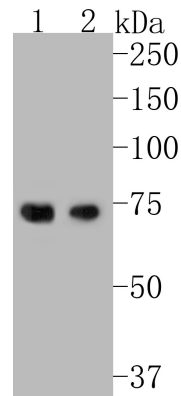


Fig1:: Western blot analysis of HDG11 on HDG11 recombinant protein. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature.; Positive control:; Lane 1: HDG11 recombinant protein with primary antibody at 1:200 dilutions; Lane 2: HDG11 recombinant protein with primary antibody at 1:1,000 dilutions

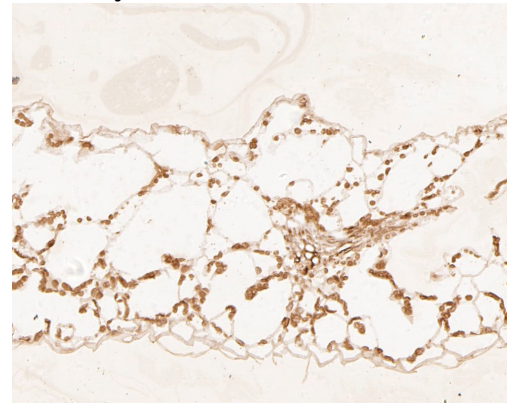


Fig2:: Immunohistochemical analysis of paraffin-embedded *A. thaliana*; tissue using anti-HDG11 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and

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mounted with DPX.