

CAB20348

Product Information

Product SKU:	CAB20348	Gene ID:	4330436	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Oryza sativa

Additional Information

Observed MW:	40kDa	Conjugate:	-
Calculated MW:	42kDa	Isotype:	IgG

Immunogen Information

Background:	Transcription activator that plays a role in the regulation of meristematic function in leaves, stems and inflorescences. Transcription activator that plays a regulatory role in grain development. Positively regulates grain size by promoting cell division and expansion, leading to increased grain length and width. Positively regulates the expression of genes promoting cell proliferation. Activates the expression of expansin genes to promote cell expansion and grain size. May promote grain size by activating brassinosteroid responses. Component of a network formed by the microRNA396 (miRNA396), the GRFs and their interacting factors (GIFs) acting in the regulation of meristem function, at least partially through the control of cell proliferation (Probable). Component of the miRNA396c-GRF4-GIF1 regulatory module that plays an important role in grain size determination.
Recommended Dilution:	WB,1:500 - 1:2000
Synonyms:	GL2; GS2; PT2; GLW2; GRF4; grf2; OsGRF4; OsJ_08054; OJ1111_E07.19
Purification Method:	Affinity purification
Immunogen:	Recombinant protein of Oryza sativa OsGRF4.
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.