

## 拟南芥 IKI3 抗体

产品货号： mIR0245

英文名称： ELP1

中文名称： 拟南芥 IKI3 抗体

别名： IKI3 family protein; Elongator complex protein 1; AtELP1; Elongator component 1; Protein ABA-OVERLY SENSITIVE 1; Protein ELONGATA 2; ELP1\_ARATH.

产品类型： 植物抗体

研究领域： 植物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Arabidopsis Thaliana,

产品应用： IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 147kDa

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from Arabidopsis thaliana IKI3 family protein:1256-1319/1319

亚型： IgG

**纯化方法** : affinity purified by Protein A

**储存液** : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件** : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed** : PubMed

**产品介绍** : IKI3 family is the Members of this family are components of the elongator multi-subunit component of a novel RNA polymerase II holoenzyme for transcriptional elongation.

**Function:**

Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4 (By similarity). Promotes organs development by modulating cell division rate. Required for auxin distribution or signaling. Prevents abscisic acid (ABA) signaling leading to stomatal closure and seedling growth inhibition. Involved in oxidative stress signaling. Prevents anthocyanins accumulation.

**Subunit:**

Component of the RNA polymerase II elongator complex (Elongator) made of at least six subunits, ELP1/ELO2, ELP2, ELP3/ELO3, ELP4/ELO1, ELP5, and ELP6.

**Subcellular Location:**

Cytoplasm (By similarity). Nucleus (By similarity).

**Tissue Specificity:**

Expressed in meristematic tissues of in roots, stems, leaves, seedlings, cotyledons, guard cells, floral buds, flowers, siliques, and shoot apices.

**Similarity:**

Belongs to the ELP1/IKA1 family.

Contains 7 WD repeats.

**SWISS:**

Q9FNA4

**Gene ID:**

N/A

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.