

## **Product datasheet for TA381024**

## **RPE Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:100 IF,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-228 of

human RPE (NP\_954699.1).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability:Shelf life: one year from despatch.Predicted Protein Size:17kDa/19kDa/21kDa/23kDa/24kDaGene Name:ribulose-5-phosphate-3-epimerase

**Database Link:** Entrez Gene 6120 Human

Q96AT9

**Background:** Catalyzes the reversible epimerization of D-ribulose 5-phosphate to D-xylulose 5-phosphate.

Synonyms: MGC2636; OTTHUMP00000206411; Ribulose-5-phosphate-3-epimerase; RPE2-1



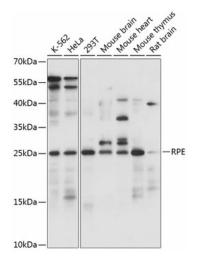
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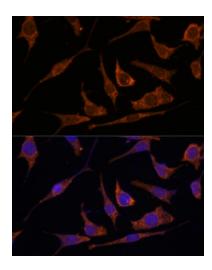
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## **Product images:**



Western blot analysis of extracts of various cell lines, using RPE antibody (TA381024) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit. |Exposure time: 5s.



Immunofluorescence analysis of L929 cells using RPE Polyclonal Antibody (TA381024) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.