

# **Product datasheet for TA377407S**

#### OriGene Technologies, Inc.

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## IKK gamma (IKBKG) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WE

**Reactivity:** WB,1:500 - 1:2000 Human, Mouse, Rat

Modifications: Phospho S376

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** A phospho specific peptide corresponding to residues surrounding S376 of human IKKy.

**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:** 36kDa/48kDa/55kDa

**Gene Name:** inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma

Database Link: Entrez Gene 8517 Human

Q9Y6K9

**Background:** This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex,

which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies.

A pseudogene highly similar to this locus is located in an adjacent region of the X

chromosome. [provided by RefSeq, Mar 2016]

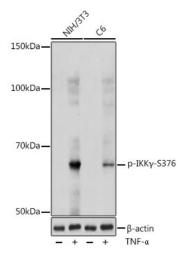
Synonyms: AMCBX1; FIP-3; FIP3; Fip3p; IKK-gamma; IKKAP1; IKKG; IP; IP1; IP2; IPD2; NEMO;

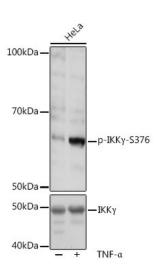
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## **Product images:**





Western blot analysis of extracts of various cell lines, using Phospho-IKKy-S376 antibody ([TA377407]) at 1:1000 dilution.NIH/3T3 and C6 cells were treated by TNF- $\alpha$  (20 ng/mL) at 37°C for 30 minutes after serum-starvation overnight. |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: 60s.

Western blot analysis of extracts of HeLa cells, using Phospho-IKKy-S376 pAb ([TA377407]) at 1:1000 dilution or IKKy antibody (A0917).HeLa cells were treated by TNF- $\alpha$  (20 ng/mL) at 37°C for 30 minutes.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% BSA.|Detection: ECL Basic Kit.|Exposure time: 60s.