

## IKBKE

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 80kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human IKBKE

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

ps

**Synonym:**

IKBKE;IKK-E;IKK-i;IKKE;IKKI;KIAA0151;MGC125294;MGC125295;MGC125297;

**Catalog #:** A0244

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 9641

**Isotype:** IgG

**Swiss Prot:** Q14164

**Purity:** Affinity purification

For research use only.

**Background:**

IKK epsilon is a noncanonical I-kappa-B kinase (IKK) that is essential for regulating antiviral signaling pathways. It has also been identified as a breast cancer oncogene and is amplified and overexpressed in over 30% of breast carcinomas and breast cancer cell lines (1). IKK epsilon phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. It plays a special role in the immune response. IKK epsilon protects cells against DNA damage-induced cell death (2).

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