

Product datasheet for **TA807631S**

IKBKE Mouse Monoclonal Antibody [Clone ID: OTI1E4]

Product data:

| | |
|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1E4 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500, IHC 1:150 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 474-716 of human IKBKE(NP_054721) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 80.3 kDa |
| Gene Name: | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon |
| Database Link: | NP_054721 Entrez Gene 9641 Human Q14164 |
| Background: | IKBKE is a noncanonical I-kappa-B (see MIM 164008) kinase (IKK) that is essential for regulating antiviral signaling pathways. IKBKE has also been identified as a breast cancer (MIM 114480) oncogene and is amplified and overexpressed in over 30% of breast carcinomas and breast cancer cell lines (Hutti et al., 2009 [PubMed 19481526]). [supplied by OMIM, Oct 2009] |



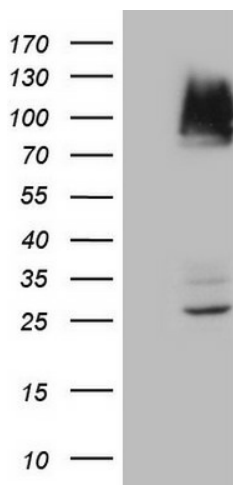
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Synonyms: IKK-E; IKK-i; IKKE; IKKI

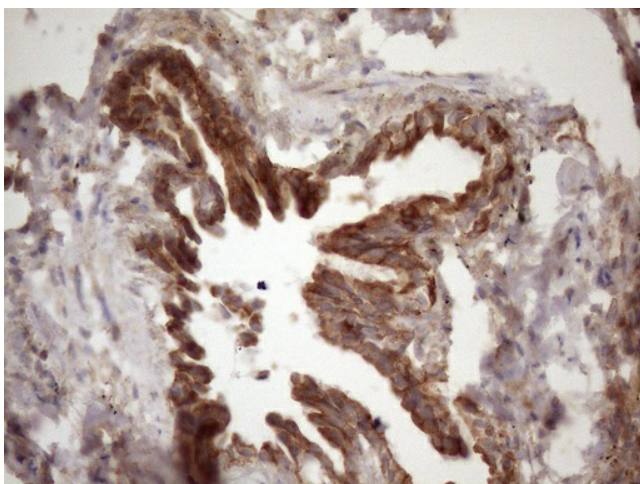
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IKBKE ([RC212481], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-*IKBKE* (1:500). Positive lysates [LY415533] (100ug) and [LC415533] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-*IKBKE* mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA807631]) (1:150)