

Product datasheet for TA804063

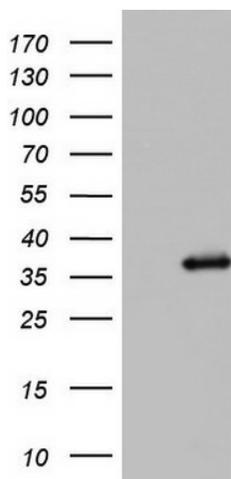
L Kynurenine Hydrolase (KYNU) Mouse Monoclonal Antibody [Clone ID: OTI5E4]

Product data:

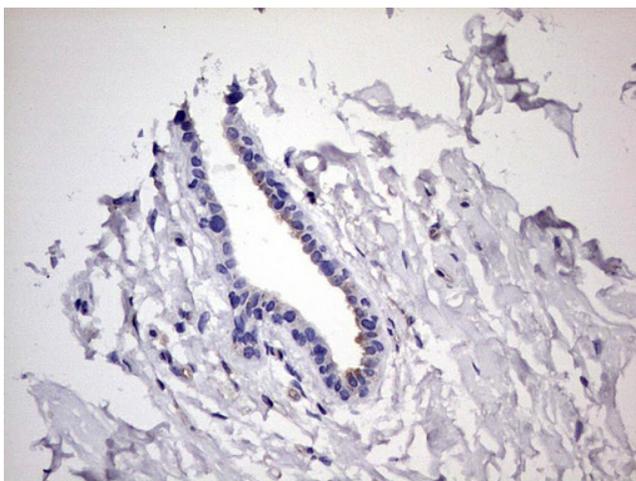
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5E4 |
| Applications: | IHC, WB |
| Recommend Dilution: | WB 1:500, IHC 1:150 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-216 of human KYNU (NP_001028170) 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) |
| Predicted Protein Size: | 34.5 kDa |
| Gene Name: | kynureninase |
| Database Link: | NP_001028170 Entrez Gene 8942 Human |
| Background: | Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010] |
| Synonyms: | KYNUU |
| Protein Families: | Protease |
| Protein Pathways: | Metabolic pathways, Tryptophan metabolism |



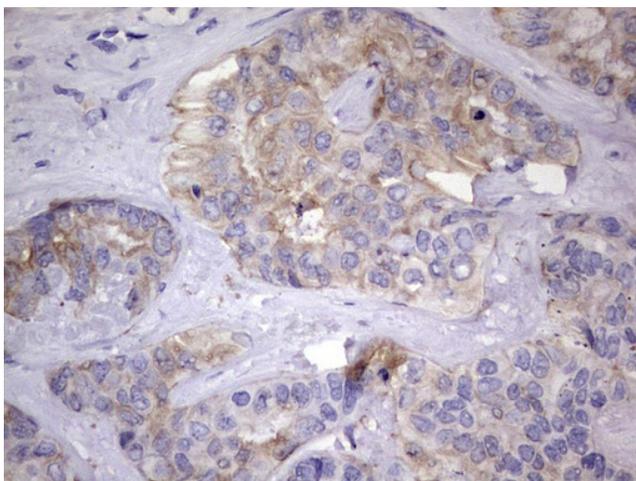
[View online »](#)

Product images:

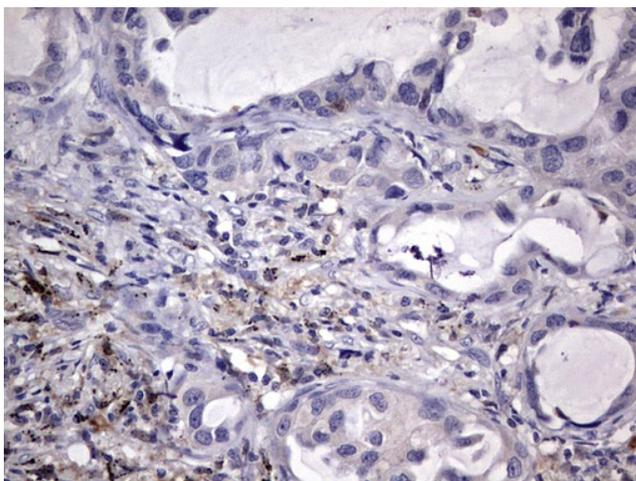
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KYNU ([RC201559], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KYNU. Positive lysates [LY422334] (100ug) and [LC422334] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-KYNU mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA804063)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-KYNU mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA804063)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-KYNU mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA804063)