

## Anti-kynureninase/KYNU Antibody (4H809)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	4H809
Purification:	Protein A

## Applications

	Anti-KYNU rabbit monoclonal antibody at 1:500 dilution. -Lane A: NCI-H460 Whole Cell lysate. -Lysates/proteins at 30 µg per lane. -Secondary
Verified Activity:	-Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. -Developed using the Odyssey technique. -Performed under reducing conditions. -Predicted band size:52 kDa. -Observed band size:52 kDa(We are unsure as to the identity of these extra bands.)
Application:	WB
Recommended	WB: 1:500-1:2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Mouse KYNU protein (TMPY-02418)
Antigen Species:	Mouse
Synonyms:	KYNUU;kynureninase

## Research Background

KYNU (Kynureninase) is a Protein Coding gene. KYNU 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. Genetic studies in the mouse and the human suggest that kynureninase activity may influence blood pressure and renal function. The gene coding kynureninase (KYNU) is also located on chromosome band 2q14-q23, where a linkage peak for essential hypertension was previously detected in the Chinese Han population. The results show that the rare KYNU variant Arg188Gln affects kynureninase activity and are consistent with the hypothesis that this mutation can predispose to essential hypertension. Diseases associated with KYNU include Hydroxykynureninuria and Vertebral, Cardiac, Renal, And Limb Defects Syndrome 2.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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