

PACO43748

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:200-1:1000,
IHC:1:20-1:200

Protein Background:

Catalyzes the hydroxylation of L-kynurenine (L-Kyn) to form 3-hydroxy-L-kynurenine (L-3OHKyn). Required for synthesis of quinolinic acid, a neurotoxic NMDA receptor antagonist and potential endogenous inhibitor of NMDA receptor signaling in axonal targeting, synaptogenesis and apoptosis during brain development. Quinolinic acid, may also affect NMDA receptor signaling in pancreatic beta cells, osteoblasts, myocardial cells, and the gastrointestinal tract.

Gene ID:

KMO

Uniprot

O15229

Synonyms:

Kynurenine 3-monoxygenase (EC 1.14.13.9) (Kynurenine 3-hydroxylase), KMO

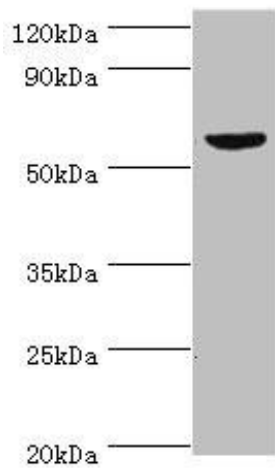
Immunogen:

Recombinant Human Kynurenine 3-monoxygenase protein (1-260AA).

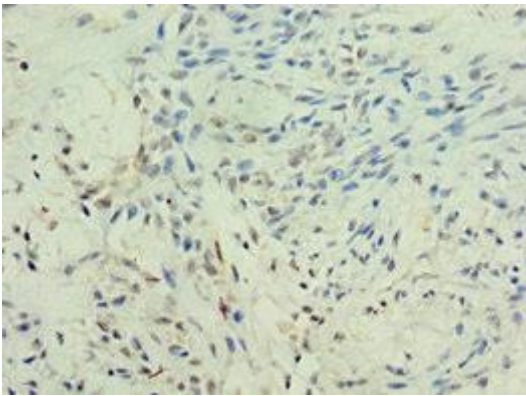
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot. All lanes: KMO antibody at 10 μ g/ml + Mouse heart tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 56, 55, 52 kDa. Observed band size: 56 kDa.



Immunohistochemistry of paraffin-embedded human breast cancer using PACO43748 at dilution of 1:100.