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Datasheet for ABIN7157755  
**anti-KMO antibody (AA 1-260)**

2 Images

Overview

Quantity:	100 µL
Target:	KMO
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KMO antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Kynurenine 3-monooxygenase protein (1-260AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	KMO
Alternative Name:	KMO ( <a href="#">KMO Products</a> )
Background:	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

## Target Details

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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.

Aliases: dJ317G22.1 antibody, kmo antibody, KMO\_HUMAN antibody, Kynurenine 3 hydroxylase antibody, Kynurenine 3 monooxygenase (kynurenine 3 hydroxylase) antibody, Kynurenine 3 monooxygenase antibody, Kynurenine 3-hydroxylase antibody, Kynurenine 3-monooxygenase antibody, RP1-317G22.1 antibody

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UniProt: [O15229](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

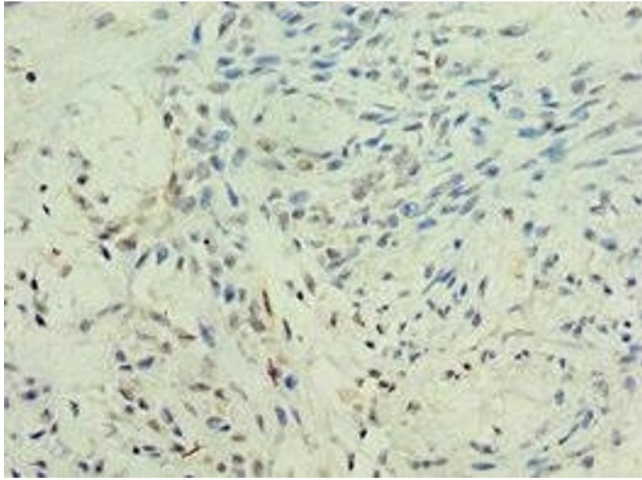
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

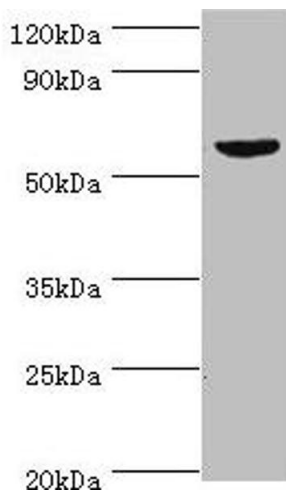
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7157755 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: KMO antibody at 10 µg/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