



Catalog Number:	MO25014	Host:	Mouse
Product Type:	IgG ₁ kappa Clone: P3UI	Species Reactivity:	Human, Mouse
Immunogen Sequence:	3-OHKYN modified KLH.	Format:	0.1 ml of protein G purified mouse ascites, containing 0.05% sodium azide and a buffer of Tris-glycine, 150mM NaCl. Concentration of 4.3 mg/ml
Applications:	Western blot-2 ug/ml.		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.

Application Notes

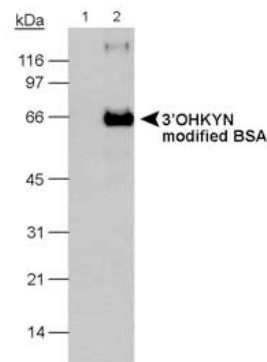
This antibody reacts with 3-OHKYN modifications in human proteins. Other species have not been tested, though there should be no species limitation to its reactivity. This antibody is useful for Western blot. In Western blot a band is seen at ~66 kDa. This antibody may also be used for immunocytochemistry. Positive Control: 3-OHKYN modified BSA.

Description/Data:

3-hydroxykynurenine, a chromophore metabolite of tryptophan, acts as UV protectant and an antioxidant in vertebrate lens. This compound reacts with proteins to induce cross-linking and chromophore adducts.

Image: Detection of 3'OHKYN in modified BSA. 10 second ECL exposure.

Lane 1: BSA (-)
Lane 2: BSA (+)



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