

Anti-MAOB antibody (Internal) (STJ70804)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF/IHC/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow

PRODUCT PROPERTIES

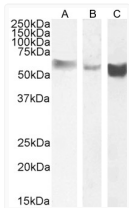
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 60kDa band observed in Human and Mouse Liver lysates and approx. 55-60kDa in Human Testis and Breast cancer lysates (calculated MW of 58.8kDa according to NP_000889.3). Recommen
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	4129
Gene Symbol	MAOB
UniProt ID	AOFB_HUMAN
Immunogen Region	Internal
Immunogen Sequence	HKARKLARLTKEE
Specificity	This antibody is not expected to cross-react with MAOA.

ADDITIONAL INFORMATION

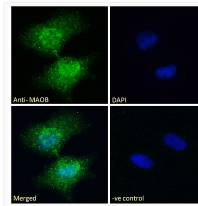
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



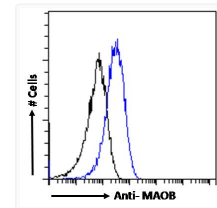
STJ70804 (0. 1µg/ml) staining of Human Liver (A) and (0. 3µg/ml) Testes (B) and Breast Cancer (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70804 (0. 1µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70804 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) , showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70804 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.