



MAO-A rabbit pAb

Cat No.:ES2743

For research use only

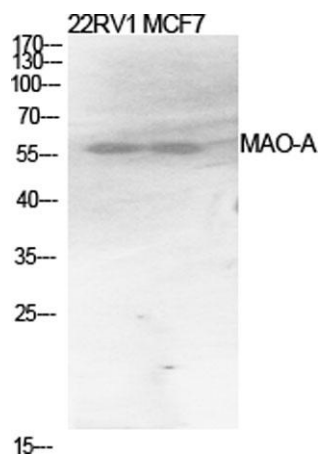
Overview

| | |
|---------------------------------|--|
| Product Name | MAO-A rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MAO-A. AA range:298-347 |
| Specificity | MAO-A Polyclonal Antibody detects endogenous levels of MAO-A protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Amine oxidase [flavin-containing] A |
| Gene Name | MAOA |
| Cellular localization | Mitochondrion outer membrane ; Single-pass type IV membrane protein ; Cytoplasmic side . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 61kD |
| Human Gene ID | 4128 |
| Human Swiss-Prot Number | P21397 |
| Alternative Names | MAOA; Amine oxidase [flavin-containing] A; Monoamine oxidase type A; MAO-A |
| Background | This gene is one of two neighboring gene family members that encode mitochondrial enzymes which catalyze the oxidative deamination of amines, such as dopamine, norepinephrine, and serotonin. |

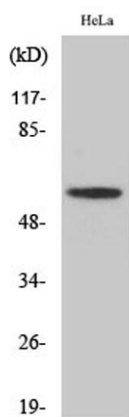




Mutation of this gene results in Brunner syndrome. This gene has also been associated with a variety of other psychiatric disorders, including antisocial behavior. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012],

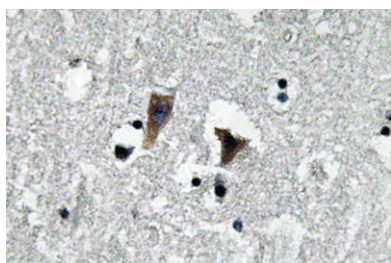


Western Blot analysis of various cells using MAO-A Polyclonal Antibody diluted at 1:1000



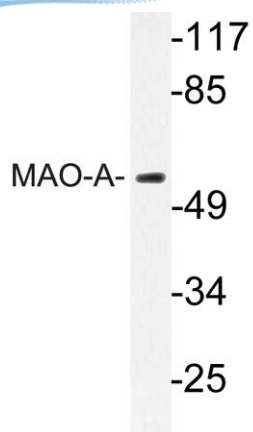
Western Blot analysis of HeLa cells using MAO-A Polyclonal Antibody diluted at 1:1000

Immunohistochemistry analysis of MAO-A antibody in paraffin-embedded human brain tissue.





ELK Biotechnology



Western blot analysis of lysate from HeLa cells, using MAO-A antibody.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C.