

10-7549: Monoclonal Antibody to TOX-3 (Clone: ABM44A1)

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| Clonality : | Monoclonal |
| Clone Name : | ABM44A1 |
| Application : | IHC,WB |
| Reactivity : | Human |
| Gene : | TOX3 |
| Gene ID : | 27324 |
| Uniprot ID : | O15405 |
| Format : | Purified |
| Alternative Name : | TOX3,CAGF9,TNRC9 |
| Isotype : | Mouse IgG1 Kappa |
| Immunogen Information : | A partial length recombinant TOX-3 protein (amino acids 232-442) was used as the immunogen for this antibody |

Description

TOX high mobility group box family member 3 (TOX-3) is a member of a subfamily of transcription factors that contains a High Mobility Group box (HMG-box), involved in bending and unwinding of DNA and alteration of chromatin structure. It has two transcript variants encoding different isoforms. TOX3 is expressed in estrogen receptor-positive mammary epithelial cells, including progenitor cells and highly expressed in luminal B breast cancers. Its over expression in human oligodendrocytes reduced cellular death under conditions mimicking Spinal cord injury (SCI).

Product Info

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| Amount : | 25 µg / 100 µg |
| Purification : | Protein G Chromatography |
| Content : | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Western blot analysis: 2-4 µg/ml, Immunohistochemical analysis: 5 µg/ml

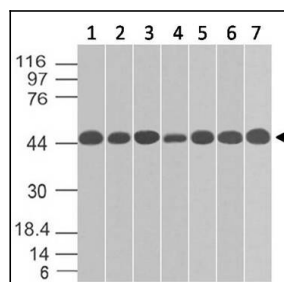


Fig-1: Western blot analysis of TOX-3. Anti- TOX-3 antibody (Clone: ABM44A1) was tested at 2 µg/ml on (1) PC3, (2) h Testis, (3) HCT-116, (4) h Lung, (5) h Brain, (6) MCF-7 and (7) U87 lysates.

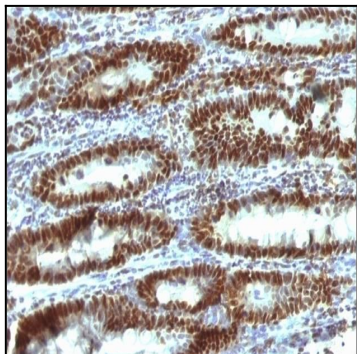


Fig-2 : Immunohistochemical analysis of TOX-3 in human stomach tissue using TOX-3 antibody (Clone: ABM44A1) at 5 µg/ml.