Mouse Anti-Human ALDH1A1 Monoclonal Antibody (CBP3877)

Cat. No.: NAB2012435LS

PRODUCT OVERVIEW

Immunogen	Clone M562 was generated from a recombinant protein corresponding to amino acids in the N-terminal region from human ALDH1A1.
Species Reactivity	Human
Clonality	Monoclonal
Host Species	Mouse
Isotype	IgG2a, κ
Clone Number	CBP3877
Applications	WB; IHC-P; ICC
Relevant Diseases	Brain Tumors; Alzheimer's Disease; Parkinson's Disease; Neurocutaneous Syndromes
Research Areas	Neuroinflammation; Neurodegeneration
Conjugation	Unconjugated

PRODUCT PROPERTIES

Form	Liquid
Formulation	PBS, pH 7.2, containing 0.09% sodium azide.
Concentration	1.0 mg/mL
Purification	Affinity Chromatography
Purity	>95%, as determined by Coomassie stained SDS-PAGE.
Shipping	The product is shipped at 4°C. Upon receipt, store it immediately at the recommended temperature.
Storage	Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
Research Use Only	For research use only, not for diagnostic or therapeutic use.

TARGET

Target	ALDH1A1
Official Name	ALDH1A1
Full Name	Aldehyde Dehydrogenase 1 Family Member A1
Alternative Names	Aldehyde Dehydrogenase 1 Family Member A1; Retinaldehyde Dehydrogenase 1; EC 1.2.1.36; RALDH 1; ALDH-E1; RALDH1; ALHDII; ALDH1; PUMB1; ALDC; Epididymis Secretory Sperm Binding Protein Li 53e; Aldehyde Dehydrogenase 1 Family; Member A1; Aldehyde Dehydrogenase Family 1 Member A1; Aldehyde Dehydrogenase; Liver

	Cytosolic;
Gene ID	216 (Human); 11668 (Mouse)
Uniprot ID	P00352 (Human); P2454 9 Mouse (Mouse)

REFERENCES

1. Xu SL, et al. Am J Cancer Res. 2015 Mar 15;5(4):1471-83.
2. Olmez I, et al. J Cell Mol Med. 2015 Jun;19(6):1262-72.
3. Schäfer A, et al. Neuro Oncol. 2012 Dec;14(12):1452-64.
4. Adam SA, et al. Brain Pathol. 2012 Nov;22(6):788-97.

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