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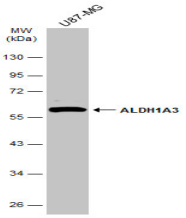
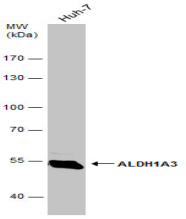
Product Datasheet

ALDH1A3 antibody [N2C2], Internal
GRP128

Description	Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The enzyme encoded by this gene uses retinal as a substrate, either in a free or cellular retinol-binding protein form. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human ALDH1A3. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.1 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	P47895
Entrez	220
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



Whole cell extract (30 ?g) was separated by 10% SDS-PAGE, and the membrane was blotted with ALDH1A3 antibody [N2C2], Internal (GRP580) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Whole cell extract (30 ?g) was separated by 7.5% SDS-PAGE, and the membrane was blotted with ALDH1A3 antibody [N2C2], Internal (GRP580) diluted at 1:2000.