

Anti-HOXA1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17406

Product Information

Application	WB, IHC-P, IF, ICC, IP
Primary Accession	P49639
Predicted	Human, Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36660
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	3198
Alias Symbol	HOXA1
Other Names	HOXA1, BSAS, Homeobox A1, Homeobox protein Hox-1F, HOX A1 homeodomain protein, Lab-like protein, Homeobox protein Hox-A1, HOX1, Homeo box A1, Homeobox 1F, Hox 1.6-like protein, HOX1F
Target/Specificity	Recognizes endogenous levels of HOXA1 protein.
Reconstitution & Storage	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.
Precautions	Anti-HOXA1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HOXA1
Synonyms	HOX1F
Function	Sequence-specific transcription factor (By similarity). Regulates multiple developmental processes including brainstem, inner and outer ear, abducens nerve and cardiovascular development and morphogenesis as well as cognition and behavior (PubMed: 16155570). Also part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on the anterior body structures. Seems to act in the maintenance and/or generation of hindbrain segments (By similarity). Activates transcription in the presence of PBX1A and PKNOX1 (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:P09022}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.