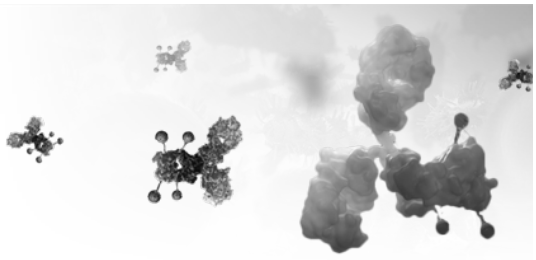

Anti-EYA1 (aa 100-170) polyclonal antibody (DPAB-DC922)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may play a role in the developing kidney, branchial arches, eye, and ear. Mutations of this gene have been associated with branchiootorenal dysplasia syndrome, branchiootic syndrome, and sporadic cases of congenital cataracts and ocular anterior segment anomalies. A similar protein in mice can act as a transcriptional activator. Alternatively spliced transcript variants have been identified for this gene.
Immunogen	EYA1 (NP_000494, 100 a.a. ~ 170 a.a) partial recombinant protein with GST tag. The sequence is TPSSQTMAAYGQTQFTTGMQQATAYATYPQPGQPYGISSYGALWAGIKTEGGLSQSQSPG QTGFLSYGTSF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	EYA1 EYA transcriptional coactivator and phosphatase 1 [Homo sapiens (human)]
Official Symbol	EYA1
Synonyms	EYA1; EYA transcriptional coactivator and phosphatase 1; BOP; BOR; BOS1; OFC1; eyes absent homolog 1;
Entrez Gene ID	2138
Protein Refseq	NP_000494
UniProt ID	A0A024R813
Chromosome Location	8q13.3
Pathway	Transcriptional misregulation in cancer.
Function	RNA binding; metal ion binding; protein binding; protein tyrosine phosphatase activity

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