

Resource Summary Report

Generated by T1D on Jul 31, 2026

Apo and Holo structures DataBase

RRID:SCR_004800

Type: Tool

Proper Citation

Apo and Holo structures DataBase (RRID:SCR_004800)

Resource Information

URL: <http://ahdb.ee.ncku.edu.tw/>

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Description: Database of apo and holo structure pairs of proteins before and after binding. Various protein functions have been shown directly associated with conformational transitions triggered by binding other molecules. Tertiary structures determined in the unbound and bound state are usually named apo and holo structures, respectively. AH-DB is the largest database of apo-holo structure pairs and provides a sophisticated interface to search and view the collected data. It contains 746314 apo-holo pairs of 3638 proteins from 702 organisms.

Abbreviations: AH-DB

Synonyms: Apo-Holo DataBase

Resource Type: data or information resource, database

Defining Citation: [PMID:22084200](https://pubmed.ncbi.nlm.nih.gov/22084200/)

Keywords: ah-db, ahdb, apo, holo, protein interaction, structural change, protein, protein structure, protein binding, bio.tools

Funding: National Science Council Taiwan NSC 99-2628-E-006-017

Availability: The community can contribute to this resource

Resource Name: Apo and Holo structures DataBase

Resource ID: SCR_004800

Alternate IDs: biotools:ah-db, nlx_143908

Alternate URLs: <https://bio.tools/ah-db>

Record Creation Time: 20220129T080226+0000

Record Last Update: 20260729T044105+0000

Ratings and Alerts

No rating or validation information has been found for Apo and Holo structures DataBase.

No alerts have been found for Apo and Holo structures DataBase.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Galperin MY, et al. (2012) The 2012 Nucleic Acids Research Database Issue and the online Molecular Biology Database Collection. Nucleic acids research, 40(Database issue), D1.